

19990928.qrp v01_n592.qrl.990928

Date: Tue, 28 Sep 1999 19:03:13 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1592

QRP-L Digest 1592

Topics covered in this issue include:

- 1) [51466] 10m not dead but the batsman was run out
by Nils R Young <nilsbull@juno.com>
- 2) [51467] Re: Poor Man's Paddle (advertisement)
by Michael Melland <badger@vbe.com>
- 3) [51468] Heath HW7 for sale
by "Bruce" <n9jcv@wwa.com>
- 4) [51469] QRP-L Archives and deja vu (sort of)
by Roger Hightower <n7kt@earthlink.net>
- 5) [51470] 10m beacons
by Joel Malman <malman@world.std.com>
- 6) [51471] Test
by "Randall N0UTJ" <Firefox@Southwind.net>
- 7) [51472] tn timer re: rww
by neil tanner <ntan@crosslink.net>
- 8) [51473] Morse Mate
by "Randall" <Firefox@Southwind.net>
- 9) [51474] Thanks for Input!
by "Mike Martin" <mmartin@internetni.com>
- 10) [51475] Herring Aid 5 - VFO Improvements?
by "Dennis Payton" <dpayton@fwi.com>
- 11) [51476] Iowa QRP at West Liberty October 3
by "John Burnley" <burnleyia@home.com>
- 12) [51477] Thanks to all.
by "Alex" <aturner13@mindspring.com>
- 13) [51478] RAC QRP Plaque
by Bruce Rattray <rattray@gpfn.sk.ca>
- 14) [51479] final call for handkey pins
by "Scott Howell" <n3byy@yahoo.com>
- 15) [51480] Re: 10m not dead but the batsman was run out
by Pete Burbank <plburbank@kih.net>
- 16) [51481] Re: random wire vertical (more)
by Jeff Grudin <grudin@vdbbs.com>
- 17) [51482] MFJ "QRP-Cub"
by charles k brown <n4so@juno.com>
- 18) [51483] Need #24 Magnet wire
by "Ron Giuntini" <rong@slip.net>
- 19) [51484] Re: Of keys, paddles, and keying modes.

- by w4bws@juno.com
- 20) [51485] FS: St. Louis Tuner
by mwattcpa@earthlink.net (Marty Watt)
 - 21) [51486] Solder 62/36/2 with silver at RS
by Michael Neverdosky <mneverdosky@earthlink.net>
 - 22) [51487] irvine, ca area hams please
by "Joel Kluender, NF9K" <nf9k@eudoramail.com>
 - 23) [51488] Re: Test ...Off Topic To JHATFIELD
by "Randall" <Firefox@Southwind.net>
 - 24) [51489] Re: TT2/MRX for Pacificon: slight error in documentation
by "David D. Meacham" <ddm@datatamers.com>
 - 25) [51490] 17m equipment?
by "Jim Mannix" <kb9svg@cnz.com>
 - 26) [51491] Patcomm part 2
by <SFIKE@twa.com>
 - 27) [51492] Vert. on sail boat
by Drbob92031@aol.com
 - 28) [51493] Re: Heath HW7 for sale
by Roger Hightower <n7kt@earthlink.net>
 - 29) [51494] Re: Shielded loop, how do it do it?
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 - 30) [51495] a variety of questions
by Andy C Meng <andymeng@juno.com>
 - 31) [51496] Re: random wire vertical (more)
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
 - 32) [51497] Off topic? Best way to clean up an old aluminum antenna?
by "Larry Przyborowski" <lprzyski@erols.com>
 - 33) [51498] Got the #24 magnet wire!!!!
by "Ron Giuntini" <rong@slip.net>
 - 34) [51499] Re: 17m equipment?
by Russ Dow <n7dw@garlic.com>
 - 35) [51500] Re: Solder 62/36/2 with silver at RS
by Russ Dow <n7dw@garlic.com>
 - 36) [51501] Re: 17m equipment?
by Brian Short <bshort@speedchoice.com>
 - 37) [51502] WEEEE-HAAAAWWWWW!!!!
by Adrian Weiss <aweiss@usd.edu>
 - 38) [51503] Re: WEEEE-HAAAAWWWWW!!!!
by Pete Burbank <plburbank@kih.net>
 - 39) [51504] mW report 9/28/99 UTC de K7Q0
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
 - 40) [51505] Re: a variety of questions
by igeq100@iupui.edu
 - 41) [51506] Re: Shielded loop, how do it do it?
by Pete Burbank <plburbank@kih.net>
 - 42) [51507] Re: 15m Homebrew
by "Sly (9M8SL)" <cqsly@tm.net.my>
 - 43) [51508] Thanks Info RE W24257AK-150!

by Bob Patten <n4bp@bc.seflin.org>
44) [51509] Re: mW report 9/28/99 UTC de K7Q0
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
45) [51510] searching for web presentation of amateur radio activities
by Alen Mitrovic <alen.mitrovic@hermes.si>
46) [51511] Looking for a HW-9...
by Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>
47) [51512] Ragchewing
by "Jerry W. O'Dell" <jwodell@ameritech.net>
48) [51513] Re: Ragchewing
by David Heintzleman <bchurch@megavision.com>
49) [51514] Clean up an old aluminum antenna?
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
50) [51515] Re: Ragchewing
by Shepherd@aol.com
51) [51516] Re: Ragchewing
by Richard Powell <ripowell@mpna.com>
52) [51517] RE: Clean up an old aluminum antenna?
by "ai2q" <ai2q@ispchannel.com>
53) [51518] Re: Clean up an old aluminum antenna?
by Phil Wheeler <w7ox@mindspring.com>
54) [51519] Re: QQ
by Mike Czuhajewski <wa8mcq@erols.com>
55) [51520] Re: searching for web presentation of amateur radio activities
by "Paul R. Valko" <prvalko@oakland.edu>
56) [51521] RF COMPLIANCE CALCS
by ARDUJENSKI@aol.com
57) [51522] RE: Shielded loop, how do it do it?
by Dave Barrett <DBarrett@creo.com>
58) [51523] transistor #
by Tim <drboom@bright.net>
59) [51524] bearings
by Dave Pomeroy <dave_pomeroy@yahoo.com>
60) [51525] WTB HW-9
by Roy <marion@montana.com>
61) [51526] bearings
by Dave Pomeroy <dave_pomeroy@yahoo.com>
62) [51527] Da ought of Rag Chewing
by hamjoel@juno.com
63) [51528] Re: transistor #
by David Hinerman <dlh1009@ritvax.isc.rit.edu>
64) [51529] Century 22
by "A. Jenkins" <beaks@westco.net>
65) [51530] RE: bearings
by N10DL@aol.com
66) [51531] FS: 38 Special kit, Bencher paddle, Autek keyer
by "Brian Hemmis" <K3USC@worldnet.att.net>
67) [51532] OHR 100 A - 30 Help Needed

- by DLShips@aol.com
- 68) [51533] missing diode in MRX kit/Pacificon
by Allan G Taylor <k7gt@arrl.net>
- 69) [51534] KF6ML - Many Thanks for xerox
by WB9MII@aol.com
- 70) [51535] Use Scotchbrite, not steel wool to clean antennas
by Peter_Simpson@ne.3com.com
- 71) [51536] Wanted: 49-er or 49-er PCB
by Allan G Taylor <k7gt@arrl.net>
- 72) [51537] LP2951 data needed
by "KA5T Larry Wise" <lewise@inetport.com>
- 73) [51538] Re: OHR 100 A - 30 Help Needed
by Rod Cerkoney <rcw@frii.com>
- 74) [51539] KI6DS finally works Famous Ft. Smith Qrper
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 75) [51540] Re: Da ought of Rag Chewing
by Terry Bendell <terryb@bmts.com>
- 76) [51541] NCDXF Beacons
by wj5o@juno.com
- 77) [51542] Re: OHR 100 A - 30 Help Needed
by "Jim Bates" <jimbo@spectrum-internet.com>
- 78) [51543] RE: Use Scotchbrite, not steel wool to clean antennas
by Dave Barrett <DBarrett@creo.com>
- 79) [51544] Re: Wanted: 49-er or 49-er PCB
by Steve Hideg <Steve.Hideg.1@nd.edu>
- 80) [51545] re LP2951 data needed
by "KA5T Larry Wise" <lewise@inetport.com>
- 81) [51546] Re: OHR 100 A - 30 Help Needed
by igeq100@iupui.edu
- 82) [51547] 49er boards available from FAR Circuits
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 83) [51548] Re:Ragchewing
by Ed Loranger <we6w@qsl.net>
- 84) [51549] FOXHUNT - Update
by "Paul R. Valko" <prvalko@oakland.edu>
- 85) [51550] Missing diode in MRX receiver kits and are mods allowed?
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
- 86) [51551] Re:bearings
by Ed Loranger <we6w@qsl.net>
- 87) [51552] 2sc536 transistor
by Tim <drboom@bright.net>
- 88) [51553] 'Sly as a Fox'
by "Sly (9M8SL)" <cqsly@tm.net.my>
- 89) [51554] NorCal Paddles and Pacificon
by "Chuck Adams, K7Q0" <k7qo@hotmail.com>
- 90) [51555] Re: OHR 100 A - 30 Help Needed
by "Charlie Fitts" <cfitts@neca.com>
- 91) [51556] Re: 49er boards available from FAR Circuits

- by crc <crc@io.com>
- 92) [51557] BOBTAIL AND HALF SQUARE INFO
by ARDUJENSKI@aol.com
- 93) [51558] OT:QRP use for Palm Pilot III
by Bill Jones <kd7s@psnw.com>
- 94) [51559] Re: OHR 100 A - 30 Help Needed
by DLShips@aol.com
- 95) [51560] Re: OT:QRP use for Palm Pilot III
by Christian Void <cvoid@netcom.com>
- 96) [51561] FAR Circuits
by charles k brown <n4so@juno.com>
- 97) [51562] new service provider and email address
by "Kent Babcock" <n8wvd@t-one.net>
- 98) [51563] RE: OT:QRP use for Palm Pilot III
by "ai2q" <ai2q@ispchannel.com>
- 99) [51564] Re: OT:QRP use for Palm Pilot III
by Bill Jones <kd7s@psnw.com>
- 100) [51565] Re: OT:QRP use for Palm Pilot III
by Larry Cahoon <wd3p@juno.com>
- 101) [51566] Re: LP2951 data needed
by "KA5T Larry Wise" <lewise@inetport.com>
- 102) [51567] Re: OHR 100 A - 30 Problem solved
by DLShips@aol.com
- 103) [51568] ham/palmOS site
by Christian Void <cvoid@netcom.com>
- 104) [51569] OT: NETDUMMY HUMOR
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 105) [51570] Re: ham/palmOS site
by Christian Void <cvoid@netcom.com>
- 106) [51571] calls
by "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
- 107) [51572] Ragchew with a Tech Plus
by KF4EIB@aol.com
- 108) [51573] RE: ham/palmOS site
by "Dasher, Mark" <mark.dasher@irwin.army.mil>
- 109) [51574] Re: ham/palmOS site
by Bill Jones <kd7s@psnw.com>
- 110) [51575] Re: ham/palmOS site
by Russ Hines <radioruss@fuse.net>
- 111) [51576] QRP ARCI Fall QSO Party, CW
by charles k brown <n4so@juno.com>
- 112) [51577]
by M Goins <mgoins@usa.net>
- 113) [51578] Argosy II and Vibroplex for sale
by Goemans <jgoemans@facstaff.wisc.edu>
-

Date: Mon, 27 Sep 1999 19:00:45 -0400
From: Nils R Young <nilsbull@juno.com>
To: QRP-L@lehigh.edu, elecrafft@qrth.net
Subject: [51466] 10m not dead but the batsman was run out
Message-ID: <19990927.190055.-587049.2.nilsbull@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Yo! Crazies!

Well, the 28.001.11 beacon & listening around got me nowhere. Which meant that while I was sitting in the shack trying to figure out what I was doing sitting in the shack, everyone else had figured it all out and was having a good time. Which is normal for this end of the asylum.

I have to admit that I'm really getting an education about propagation, what with 12 & 17m being so interesting any more. Back in 1980, when I had a real station & antenna, I usually didn't get any Qs with Japanese stations until the evening in summer. On 10m. But now I hear 'em in the morning & evening, spread out from 17 through 10m with pretty decent copy.

So while I was figuring out what I was figuring out, and with listening to all the DX that I couldn't Q with, I thought about a real hair-brain scheme. A beam antenna made out of that grey electrical conduit PVC pipe. I figure I can use the Ts and other fittings to mount the front (10m) element and the back (15m) elements to the 7 ft aluminum boom and use the PVC pipe for the elements, with wire (or that aluminum repair tape) taped to them. It would make insulating the two parts easier & maybe even make the beast a little lighter as well.

Anyone tried this nutso scheme yet? Did it work? Did you ever figure out what I was figuring out?

73

Nils

. . . . and about 10m? Well, better luck next time, eh?

Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
Sonrientes

<http://home.fiberia.com/wb8ijn> -- WB8IJN --

<http://members.xoom.com/nilsbull>

"In my day you had to FIGHT to have QSOs! Every day was a STRUGGLE!

-- Comrade Sergei Nikolaevich McTovarishov --

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Date: Mon, 27 Sep 1999 18:23:35 -0500
From: Michael Melland <badger@vbe.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51467] Re: Poor Man's Paddle (advertisement)
Message-ID: <37EFFC77.8B1D8806@vbe.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dennis Payton wrote:

> I still have several of the "Poor Man's Paddle" kits left.

I built a set of the paddles with materials Dennis sent me and am amazed at how well they really work for me. It's a fun project !

73

--
Michael Melland, W9WIS
Winneconne, Wisconsin, USA
FISTS #4387, 10-10 #69281, QRP-L #1656,
QRP-ARCI #9875, AK/QRP #478, NorCal
CW, SSB, and Electronics
List Administrator: grundig@qth.net
<http://www.qsl.net/w9wis>

Date: Mon, 27 Sep 1999 18:32:30 -0500
From: "Bruce" <n9jcv@wwa.com>
To: <qrp-l@lehigh.edu>
Subject: [51468] Heath HW7 for sale
Message-ID: <000f01bf0940\$91fe9200\$5448ee9d@WWA>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello,

We had a hamfest this weekend. I was lucky enough to get 2 HW-7s. I am selling one and keeping one for myself.

The HW-7 I am selling has only minor (less than screw head size) scratches. It is completely functional. It puts out 2 Watts on 40, 1.7 on 20 and 1.4 on 15. Send and receive both work fine. I also have a copy of the condensed manual to go with it. Price is \$75 and you pay shipping. \$3 for USPS priority (2-3 day) delivery.

This unit is probably a 7 or 8 on a scale of 1 to 10. It is pretty nice. There is one extra small hole on the rear panel (Not sure why). You could just put a screw in it.

Must be paid with Money Order. I will wait 5 days after I receive the M.O. (to clear) before shipping. I will keep buyer informed of every step. Please send me email directly to n9jcv@wwa.com if you are interested. I only get the digest. I check my mail almost daily.

Please write if you have any specific questions. Thanks Bruce

Date: Mon, 27 Sep 1999 16:42:08 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [51469] QRP-L Archives and deja vu (sort of)
Message-ID: <37EF9E60.4834552D@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

"Since the paint is holding up so well I just wanted to say, if you ever need to paint something, here's what I did: (See qrp-l archives for original posts)"...

The key here is the archives. Many postings ask about subjects that are covered extensively in the archives, and a little research will turn up answers to almost every question asked on the list. No re-inventing the wheel. Searching for "norcal paddles" turns up 41 postings, on everything from spacing, polishing, painting, to how to use them.

If you don't have an archive CD-ROM, you really should watch for the

posting by Chuck as to the availability of the next version...it should be soon.

Get it. Then, when you have a question, pop the CD in and search for the subject. If you haven't found your answer, then post the question. Frankly, there aren't many subjects that can't be found in the archives. Even badgers...there are at least 20 postings about badgers, or one flavor or another. Eight postings on DCTL antennas, which would have covered most of the recent questions.

I'm not trying to sell CD's, just thought of it as a way to reduce the bandwidth of the List.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 27 Sep 1999 19:44:15 -0400 (EDT)
From: Joel Malman <malman@world.std.com>
To: qrp-l@Lehigh.EDU
Cc: k1qm@world.std.com
Subject: [51470] 10m beacons
Message-ID: <199909272344.TAA23038@world.std.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

Folks,

Just a reminder to hams in the USA who are running 10m beacons. Check out the FCC rules. See Section 97.203 paragraph (d).

'Unattended (Automated) beacons are only permitted between 28.200-28.300'

I don't know how Mr. FCC can enforce this, except to maybe show that your beacon has been running for 24 hours for a week... And even hams have to sleep sometime. GL.

--

/joel K1QM (Ex-wa1qvm) Concord, Massachusetts
QRP-L 337, QRP-ARCI 9305, MI-QRP 1641, NorCal #1884

Date: Mon, 27 Sep 1999 18:46:44 -0500
From: "Randall N0UTJ" <Firefox@Southwind.net>

To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [51471] Test
Message-ID: <01b801bf0942\$8f3b8f80\$856235ce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Test,test,test,test,test.....

Date: Mon, 27 Sep 1999 19:58:14 -0400
From: neil tanner <ntan@crosslink.net>
To: qrp list <qrp-l@lehigh.edu>
Subject: [51472] tn timer: rww
Message-ID: <37F00496.2B94A427@crosslink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks for the replies, guys---Bruce, w6toy and Dave, nfor. Have not
given up!
72--Neil wa4chq

Date: Mon, 27 Sep 1999 18:59:10 -0500
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [51473] Morse Mate
Message-ID: <023401bf0944\$4b5bd980\$856235ce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I was wondering if anyone had any experience with the " Morse Mate " CW
reader.
I would appreciate some feedback on it.
thanks

Randall

Date: Mon, 27 Sep 1999 19:08:58 -0500
From: "Mike Martin" <mmartin@internetni.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51474] Thanks for Input!
Message-ID: <00c301bf0945\$aa0c7600\$9c9de3cf@mmartin>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Thanks to all those who responded to my questions about the Alpha-Delta
DX-CC antenna.

73's,

Mike KA9LYY

Date: Mon, 27 Sep 1999 19:13:11 -0500
From: "Dennis Payton" <dpayton@fwi.com>
To: <qrp-1@Lehigh.EDU>
Subject: [51475] Herring Aid 5 - VFO Improvments?
Message-ID: <003301bf0946\$41333960\$05a854d1@locke>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I built the Herring Aid 5 immediately after it was presented as a "Back To
The Future" project. I was very impressed with it and listened to it
frequently, although I did noticed it didn't set in one place real well.
Then, once I tried using it in conjunction with my Tuna Tin 2 I realized
that fighting to keep it on frequency during a QSO was more than I wanted to
do. I'd planned to build a little station with the series, but not being
able to correct the problem has kind of dimmed my interest. I'm sure it's
not VK1FB's fault as he was restricted to maintaining the original design
but if anyone has come up with an improved version of the VFO I'd sure
appreciate hearing from you.

Thanks,

Denny Payton, N9JXY
Auburn, IN

Date: Mon, 27 Sep 1999 19:21:26 -0500
From: "John Burnley" <burnleyia@home.com>
To: <IaQRP-L@divis17.ped-gen.uiowa.edu>
Cc: <QRP-L@lehigh.edu>
Subject: [51476] Iowa QRP at West Liberty October 3
Message-ID: <001501bf0947\$67d05de0\$1b790818@c149522-a.west1.ia.home.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Let's try this again. I goofed earlier and gave the wrong date for the hamfest. Fortunately Adam (AK0P) and John (N0LT) caught my error.

The Iowa QRP Club will have a display table at the upcoming West Liberty hamfest on October 3, 1999 (this coming Sunday). Details for the hamfest may be found at:

<http://www.qsl.net/kc0aqs/hamfest.html>

We will be giving away an Elmer 101 issue of QRPP plus a NorCal log book. The goodies were donated by NorCal and my thanks to Doug and company for their continued support.

We will also have available a limited supply of the St. Louis QRP Society audio amp boards. The boards were donated by the St. Louis QRP Society and much thanks to Dave Gauding NF0R for his efforts. Here is the deal. First come first serve on the boards. It's a great little project to put together especially if you are a new builder. If you are a new builder then please come and see me. Bring a soldering iron and I'll give you the board and throw in the board mounted parts for free (if the UPS man pays me a visit hi). We will help you build the kit there at the hamfest! A special thanks to Jeff Woods (W00DS) for his help in providing the LM380's for the boards.

We may also have Embedded Research kits available for purchase at the hamfest (if the UPS man makes a second stop hi). More details later!

The club will also have free hookup wire available for those interested. My employeer is redoing some of their Lan wiring and I have a bunch of CAT 5

scraps. The individual wires in the cable make excellent hookup wire for those QRP projects.

We will also have some ARCI goodies for sale (back issues of QQ, mousepads, etc). The XYL tells me this stuff has got to go (out of our basement hi).

Please bring your latest projects for our display table! The hamfests are a lot of fun and I hope to see you all there (that's this Sunday October 3)!

Sorry
for the earlier goof.

72, John NU0V

Date: Mon, 27 Sep 1999 20:27:33 -0400
From: "Alex" <aturner13@mindspring.com>
To: <qrp-1@lehigh.edu>
Subject: [51477] Thanks to all.
Message-ID: <005a01bf0948\$426565e0\$a6288ad1@pentiumii>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Thanks to all who answered my plea for help with capacitor markings. As usual the response was overwhelming. I'm a little embarrassed because as it was pointed out it was in my Handbook. I promise to write 1000 times " I will check the Handbook".

Kidding aside this is a great group and a valuable resource. Also made my first QRP contact today with the new OHR100A 20M, even with the attic antenna.

73
N4BYJ

Date: Mon, 27 Sep 1999 18:30:26 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: Ivan Dubinsky <ivandu@uniserve.com>, Allen Harris <ath@globalserve.com>
Cc: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [51478] RAC QRP Plaque
Message-ID: <Pine.LNX.3.95.990927182557.27704E-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Thanks to Allen Harris, VE1INN and Ivan Dubinsky, VE7IVN, the total amount gathered now stands at \$471.00!.....for the other people who have committed to helping us finish this off my address is:

Bruce Rattray,
128 Durham Drive,
Regina, SK. S4S-4Z2
Canada

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

Date: Mon, 27 Sep 1999 20:34:51 -0400
From: "Scott Howell" <n3byy@yahoo.com>
To: <qcw@qth.net>, <qrp-l@lehigh.edu>, <tentec@contesting.com>
Subject: [51479] final call for handkey pins
Message-ID: <016301bf0949\$4b8170a0\$b861b683@HQ.NASA.GOV>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

please note the pic is at <http://www.qsl.net/n9bor/n3byy.htm>
also the black area on the pic is being changed to dark blue

I am making a final call for handkey orders.

The response has been very good and so I thought I would extend the opportunity one last time.

A few points.

Please note that I'll be finalizing mailing costs shortly.
Any order over 10 will go priority mail based on weight. DX orders will be handled on an individual basis.
Please contact me at n3byy@yahoo.com for DX quotes.

If you have already gotten on the list, you will shortly receive an msg from me to confirm your order and give you instructions as to

where to mail your funds and I'll need your address.

If you have not gotten on the list and would like to due so, please send me an E-mail with your order, name, and address. I'll confirm your order and provide instructions as mentioned above.

At any time, you may send E-mail to n3byy@yahoo.com if you have any questions.

Photo Etched w/Epoxy Gold Plating

Standard pin is .64 per piece. See below for additional attachments and cost Please note I am still waiting for price on earrings. Contact direct for that info.

Please note pin comes standard with Butterfly Clutch Backing = this is the type of fastener you

 squeeze both sides together. Note this arrangement has an extra

 stud to keep the pin from spinning around.

or

 Safety Pin Backing = like you'd see on most badges

Tie Tack Backing add \$.22 each extra = its a typical tie tac backing that has a circular piece with a ball with a dimple to hold on to on the back side.

You push the pin into this and to release you must hold ball and pull the circular piece forward to remove from the tie.

Tee Bar Backing add \$.55 each extra = alligator type clip clasp attachment.

Tie Tack with Chain Backing add \$.26 each extra = same as tie tac, but has a chain which has a small rod shaped piece on the end that fits through a button hole to secure tie.

73 de Scott/n3byy

Laurel MD

Fists #5030 . Qrp-1 #1689

for immediate response, send mail to n3byy@amsat.org

Do You Yahoo!?

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Date: Mon, 27 Sep 1999 20:41:45 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [51480] Re: 10m not dead but the batsman was run out
Message-ID: <3.0.32.19990927204141.00723f34@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

, I thought about a real hair-brain
>scheme. A beam antenna made out of that grey electrical conduit PVC pipe.
>I figure I can use the Ts and other fittings to mount the front (10m)
>element and the back (15m) elements to the 7 ft aluminum boom and use the
>PVC pipe for the elements, with wire (or that aluminum repair tape) taped
>to them. It would make insulating the two parts easier & maybe even make
>the beast a little lighter as well.
>
>Anyone tried this nutso scheme yet? Did it work? Did you ever figure out
>what I was figuring out?
>
>73
>
>Nils
> and about 10m? Well, better luck next time, eh?
>-----
>Nils R. Bull Young -- El Gringo Errante -- La Estancia de los Guajolotes
>Sonrientes
><http://home.fiberia.com/wb8ijn> -- WB8IJN --
><http://members.xoom.com/nilsbull>
>"In my day you had to FIGHT to have QSOs! Every day was a STRUGGLE!
> -- Comrade Sergei Nikolaevich McTovarishov --
Nils and gang.
I used PVC for a loop support and it got limp on a hot day.
A few years later I used some of those bicycle flag supports
for elements and they were strong and held up well in wind and
weather. They are 5/16" or so in Dia. and tough white fiberglass.
Perhaps a combination of the 2 materials?
73 Pete NV4V

Date: Mon, 27 Sep 1999 17:29:37 -0700
From: Jeff Grudin <grudin@vdb.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51481] Re: random wire vertical (more)

Message-ID: <37F00BF1.E6E39D7B@vdbbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Hello Neil, WA4CHQ!
>
Neil,

I guess I missed the original post, but if you are looking for an antenna for use on a sailboat, I can make some recommendations.

I have a 25ft sailboat that has a 25 ft mast. I have tried lots of antennas, but the one that far exceeds all the others, is one that most will tell you won't work. If you read theory books it shouldn't work.

It is very cheap to make. It can be used for field use as well. I use mine for almost all my field expeditions.

I have had many many QRP Dx contacts, and many ragchew contacts with this set up. It is multiband and easy to change bands with. It is available commercially, or you can build one yourself very easily.

What I use is similar to Joe Everhart's PVC Gusher. It is basically a coax fed inverted vee with connectors to open and close for the changing the length of the antenna. I have made small rubber straps to hold the connectors when open so the ends don't have to be retied to change bands.

I run the center connector up my mast on a halyard, and tie off the ends of the dipole to the stern and bow pulpits. To change bands, you just lower the center, open and close the appropriate connectors, and raise the center again.

Hope that helps. Sorry if the original post was only about verticals but I thought this might interest someone.

--

73 de AC6KW <mailto:grudin@vdbbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Mon, 27 Sep 1999 20:50:00 EDT
From: charles k brown <n4so@juno.com>

To: qrp-1@lehigh.edu
Subject: [51482] MFJ "QRP-Cub"
Message-ID: <19990928.004801.6895.8.n4so@juno.com>

MFJ "QRP-Cub" CW Transceivers
Kit form MFJ-93XX K \$99.95
Factory wired MFJ-93XX W \$149.95
New in the catalog from MFJ
Super small, CW Transceivers, roughly 4 inches square,
1.5 inches high.
Design by K1BQT
80,40, 30, 20, 17 or 15 meters
Low power drain 36 mA receive, 380 mA transmit
RF output adjustable 0 to 2 watts thru 20M, 1W on 17
and 15 Meters. p. 23 in New catalog
Kit version has some Surface Mount Technology parts
mounted/soldered
Differential mode AGC

MFJ Enterprises
<http://www.mfjenterprises.com>
E-mail: mfj@mfjenterprises.com

1-800-647-1800

QRP on 28.060 K7GT and W4DEC
Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Mon, 27 Sep 1999 17:57:33 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [51483] Need #24 Magnet wire
Message-ID: <009901bf094c\$731feda0\$2c0eb9d8@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Can anyone send me about 10 feet of #24 magnet wire? I need it to rewind a tapped coil for the St Louis Tuner. The first attempt did not work out too well, and I would like to re do it...Radio shack has only #22,26 &30... Let me know the value and I'll send stamps or cash back...
Ron

Date: Mon, 27 Sep 1999 20:32:21 -0700
From: w4bws@juno.com
To: zapzap73@hotmail.com
Cc: qrp-1@Lehigh.EDU
Subject: [51484] Re: Of keys, paddles, and keying modes.
Message-ID: <19990927.204626.-300225.0.w4bws@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

I'll bet NABUGU is represented by the law firm of
Dewey, Cheetem, and Howe
Don W4BWS

On Mon, 27 Sep 1999 20:12:54 GMT "Bill Todd" <zapzap73@hotmail.com>
writes:

>
>
> Hello Ed -
>
> As the Past President of NABUGU, pronounced "Na Bug You!", the
> National Bug Users group, I must protest your recent action.
> snip
> Our members do not use electronic keyers because they want to save
> excess voltage.
>snip
> NABUGU hired the national accounting firm of Satchel, Bag and Pocket
> to come up with the figures. They estimate the energy saved would
equal the
> power used to light ONE 50 watt light bulb for two days!!!
> snip
> CUL, Bill-N7MFB
>
>
> -----
> Get Your Private, Free Email at <http://www.hotmail.com>

Don Sanders W4BWS
694 E. Eau Gallie Blvd
Satellite Beach ,FL 32937

My favorite QRP rig glows in the dark

Date: Tue, 28 Sep 1999 01:52:00 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: qrp-l@lehigh.edu
Subject: [51485] FS: St. Louis Tuner
Message-ID: <37f11f20.185991919@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable

=46ound someone interested in the undrilled case, so only the Tuner is available. Price adjusted accordingly ...

St. Louis Tuner, fully assembled (Dk. Blue case, Lt. Blue face and rear plates).

=46or those that don't know, the St. Louis Tuner has dual meters, built in dummy load and bypass switch, as well as a built in 4:1 balun (QRP) and the capability to handle most every input/output connector used with QRP equipment. 10-watt dummy load, although the meter on this one is calibrated at 5 watts out.

\$70 plus shipping by your method.

--
Marty, N5NW

-----=

Memphis, Tennessee =
<http://home.earthlink.net/~mwattcpa>

Date: Mon, 27 Sep 1999 21:52:34 +0000
From: Michael Neverdosky <mneverdosky@earthlink.net>
To: qrp-l mailing list <qrp-l@Lehigh.edu>
Subject: [51486] Solder 62/36/2 with silver at RS
Message-ID: <37EFD912.D4500069@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

While picking up a new PCS phone at my local

Radio Shack I noticed they have solder with silver.
They had both 0.015 and 0.020 thickness an ounce
or ounce and a half for about \$3.50.

I don't know who made it or exactly what flux is
in it but I have had pretty good luck with RS solder
in the past.

For anyone needing a small amount of solder for
a nice project.

michael N6CHV

Date: Mon, 27 Sep 1999 20:54:56 -0500
From: "Joel Kluender, NF9K" <nf9k@eudoramail.com>
To: qrp-l@lehigh.edu
Subject: [51487] irvine, ca area hams please
Message-ID: <BCICKFDJOAKODAAA@shared1-mail.whowhere.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

All,

Could any members in or near the Irvine, CA area please e-mail me directly. I have
a non-ham-radio request (very important to me personally).

Thanks,
Joel NF9K

Joel Kluender, NF9K
870 Prairie Street S.
Shakopee, MN 55379

Great is the Lord, and worthy of praise!

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<http://www.eudoramail.com>

Date: Mon, 27 Sep 1999 20:56:44 -0500
From: "Randall" <Firefox@Southwind.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>

Subject: [51488] Re: Test ...Off Topic To JHATFIELD
Message-ID: <062501bf0954\$b81d6420\$856235ce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had trouble posting for the last few days.
Checked my settings and found that the HTML setting was turned on.
I changed it to " Plain Text " and it worked.
I tried to answer you direct but it came back .
Sorry to every one else for the off topic S-T-U-F-F.....

72's

----- Original Message -----
From: JHATFIELD <jhatfileld@axs.net>
To: <Firefox@Southwind.net>
Sent: Monday, September 27, 1999 10:42 PM
Subject: Re: Test

> How did you post your test?I tried to make a post the other day and it
> didn't work.Any help would be would be nice. THX Jim Hatfield
>
> -----
> > From: Randall NOUTJ <Firefox@Southwind.net>
> > To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
> > Subject: Test
> > Date: Monday, September 27, 1999 4:46 PM
> >
> > Test,test,test,test,test.....
>

Date: Mon, 27 Sep 1999 19:03:27 -0700 (PDT)
From: "David D. Meacham" <ddm@datatamers.com>
To: Allan G Taylor <k7gt@arrl.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51489] Re: TT2/MRX for Pacificon: slight error in documentation
Message-ID: <Pine.LNX.3.96.990927190028.12018A-100000@dt1.datatamers.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Allan,

In the schematic on page 11, C6 & R2 have their lower ends floating, too. I think there is supposed to be a ground at that point. Correct me if I'm wrong.

72, Dave, W6EMD

Date: Mon, 27 Sep 1999 21:13:54 -0500
From: "Jim Mannix" <kb9svg@cnz.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [51490] 17m equipment?
Message-ID: <00b101bf0957\$20611020\$92a281d0@kb9svg>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I'm searching for 17m equipment that would be good for backpacking. I told a gent on 10m that I'd research it for him, but I'm coming up with very little (MFJ-9017 and nothing more!). I'd appreciate your help, and I'm sure he would also. You may see this request in a different form - I sent it but have not seen it show up, so I thought I'd try again. If it shows then I apologize for the newbie bandwidth.

73 and God Bless,
Jim Mannix
kb9svg@cnz.com

Date: 27 Sep 1999 21:21:17 LOC
From: <SFIKE@twa.com>
To: <qrp-l@lehigh.edu>
Subject: [51491] Patcomm part 2
Message-ID: <19990927.212117.SFIKE@twa.com>

Judging by the lack of feed-back I recieved from my earlier posting, I must be the only QRPper with interest in the Patcomm PC-9000 rig. For those who may have missed my earlier post, I just wanted to know if anybody had heard the latest about this rig. Is it out yet? Is it FCC approved yet? If it is out, does anybody have one and how do they like it? If it's not out yet, does anybody know when it scheduled for release? And no, the web site doesn't specify any of this info.

I can trace information on this rig all the way back to OVER a year ago in my back-issues of 73 magazine when it was first mentioned. It was featured at the Patcomm booth at this years Dayton Hamfest. Anybody know what the skinny is on this rig?

Thanks,

72

Scott

Date: Mon, 27 Sep 1999 22:22:48 EDT
From: Drbob92031@aol.com
To: qrp-1@lehigh.edu
Subject: [51492] Vert. on sail boat
Message-ID: <f5336ad8.25218078@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hello Neil;

I did not see your original post but came across this thread. Regarding a vertical on a sail boat. I can only tell you what I did and how it worked for me. I did not xmit from a sail boat. I ws on the beach.

Rig HW-8

Antenna; home brew 20 M vert.

The vert. was planted in the sand near the waters edge. more to the point a wooden stake was planted in the sand and the aluminum multi section 16'6" vert was held to the stake with 2 hose clamps. I used the Atlantic Ocean as my ground or radial system by having soldered a long wire(perhaps 10 feet) to the braid of the coax feeding the vert. and the free end of this wire was tied around a piece of coral or rock and tossed into the surf.

You did not mention if you were on salt water or fresh water. I have come across some ideas if you are on fresh water to avoid the need for radials.

72 de wa2eaw...Bob

Date: Mon, 27 Sep 1999 19:23:43 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: n9jcv@wwa.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51493] Re: Heath HW7 for sale
Message-ID: <37EFC43F.D2FC0125@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

"Must be paid with Money Order. I will wait 5 days after I receive the M.O.(to clear) before shipping."

I may lose my place on the List for this, but I have to respond. This comment is _stupid_! I might understand a reluctance to accept a personal check, or wait until it clears, but a money order is as good as cash.

What if the rig isn't as advertised? Any recourse?

Get real, Bruce.

--

73, de Roger, N7KT
qrp-l #62, NorCal #1099, Zombie #006
Mesa, AZ 85202

Date: Mon, 27 Sep 1999 21:24:50 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: bcutter@teal.csn.net, Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51494] Re: Shielded loop, how do it do it?
Message-ID: <00a901bf0958\$a4af7f00\$8637a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Bob,

A radio wave consist of both an electric and an orthogonal magnetic field component. Together they are the electromagnetic wave.

Your loop is shielded only against the electric field of the electromagnetic wave. Most antennas respond somewhat to both components of the electromagnetic wave, but usually favor either the electric or magnetic component. Small loops usually respond to the magnetic component by design (hence the name magnetic loop) but can inadvertently respond to the electric field by capacitive coupling in the near field. Your shield, by not being continuos, does not allow current to flow through it and back through the center conductor like a transmission line. When currents are induced into the antenna by the magnetic component of a passing EM wave, cancellation does not take place due to a lack of equal but opposite currents between the two conductors, such as is found in a normal transmission line.

The shield does provide protection against electric fields by preventing the electric fields from reaching the center conductor. Currents produced by any phase differential throughout the length of the shield flow harmlessly

on the outside of the shield. This also minimizes capacitive coupling to objects in the near field of the antenna by the same mechanism.

This "electrostatic shield" greatly minimizes coupling to noise sources which are often electrostatic in nature, meaning they are coupled to your antenna capacitively in the near field. Note that noise sources that are far away are in the far field and are just like any other electromagnetic wave. That is, they will not be shielded. This is where the directional properties of the loop can come in handy.

I hope this makes some sense. Your getting into the "black magic" stuff now ;-)

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Sat, 27 Sep 1997 22:18:06 +0100
From: Andy C Meng <andymeng@juno.com>
To: qrp-l@lehigh.edu
Subject: [51495] a variety of questions
Message-ID: <19970927.221809.30246.1.andymeng@juno.com>

Hi all,

I have a few questions I would like to ask the members of the list.

First of all, I would like to do projects with PC boards. I would like to know

what companies the kit suppliers have their boards done for them. These would be boards where only one or two of each board would be made. I'm not even sure companies would do this for a low enough price for me. And the boards wouldn't have any silk screens or solder masks, however, many of the pads would be for SMT parts, so I don't think I can do them here very reliably.

Second question: I am planning on taking (and passing) the Extra exam this Saturday. With the new FCC rules I would like to know what I have to take to the examination session. Do they need a Social Security number? I assume the rest is the same as before, license and copy, CSCE and copy, test fee,

calculator,
pens, pencils, etc.

Next, I would like opinions on a ZM-2 and SW-20+ combination or a DSW20.
I
plan to have a little money from the sale of a TNC to possibly spend on
QRP gear.
I really can't decide on this one.

I know what the main problem on the SB-104 is. The 11V regulator is bad.
I hooked
it up to an 11V source and it received. I plan to install a 3A adjustable
regulator in
place of the obsolete one that came with the radio. When I get that done
the radio
will be almost working. However, the 10M selections seem to be off, about
500KHz
low. I can get that ironed out I'm sure.

And my friend KC8LHR talked to 4 DX countries yesterday on a borrowed
HTX-100.
It is driving a vertical on his roof I helped install. The radials are
duct taped to the
'259 connector, I couldn't solder them even after filing the connector.
He's very
excited, saying how he doesn't like CW and SSB is the best :-)

Thanks for reading my ramblings and thanks to all who respond...

Andy

Andy KC8KFI Cincinnati, OH freshman at St. Xavier HS
www.stxavier-cincy.org
total HF QRP CW contacts; ~53 WEB: www.qsl.net/kc8kfi
andymeng@juno.com
SW40+ running 1-2W into a dipole at 28ft -- straight key
projects: IR start timer for motocross practice track, restoring SB-104
to working
condition, wirebrushing and painting tower, SMT G4WIF regen

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Date: Mon, 27 Sep 1999 21:38:22 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51496] Re: random wire vertical (more)
Message-ID: <00bd01bf095a\$891c40a0\$8637a497@aa5tb>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit

Hi Neil,

A possible reason for your problems may be because with the original random wire vertical setups there were always some inherent losses in the return (ground, counterpoise) system. This may have swamped out the extreme reactance variations associated with a multiband antenna. Kind of like putting a resistor across your tuner's output. Your tuner was a happy camper.

Placing the antenna on a relatively good electrical structure (the boat) may have allowed these high reactance values to appear at the output your antenna tuner. This condition may have placed things way out of range of the antenna tuners capabilities.

You may try a length of antenna that is not close to any resonance at any of the frequencies of interest. Or do like the government designers do and put a resistor in your antenna (just kidding).

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Mon, 27 Sep 1999 22:43:39 -0400
From: "Larry Przyborowski" <lprzyiski@erols.com>
To: <dodgeboy@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51497] Off topic? Best way to clean up an old aluminum antenna?
Message-ID: <00f201bf095b\$46b05b60\$2e86accf@k3peg>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi again!

In reference to cleaning up aluminum antenna parts for the purpose of getting every milliwatt of rf radiated efficiently as possible (or for asthetic purposes), please read on...

I visited a local PEP Boys auto store today and bought the following for less than \$9.00:

- 1 - 14 oz. tub of "gojo" PUMICE hand cleaner.
- 1- 10 oz can of "Mothers" MAG & Aluminum polish

Using a shop towel (one of those cheap red ones), I applied a tablespoon of pumice cleaner to a small area (2x2" sq.) of the towel, and began to rub down an antenna element with it. After a few minutes work I washed off the compound residue with a water and dish soap solution. At this point the element had a dull grey appearance. That small amount of pumice was enough to clean up a 6 foot length of 7/8" diameter tubing! For those really cruddy elements I would substitute a wad of 000 grade steel wool for the shop rag. The next step was done by applying 1/4 teaspoon of "Mothers" polish to a small area of a terry cloth and briskly rubbing the element. This polish will soon turn black in color as work progresses. After about a minute's work I checked my progress by wiping down a small portion of the element with yet another clean cloth (terry cloth or old discarded "T" shirt). Voila! I trust you'll be as pleased with the result as I was or you'll no doubt continue polishing until you reach your desired effect. The above method is a bit more economical than using a fibreglass cleaner/polish which is marketed chiefly for marine products. If you choose to try this, may I suggest that you either wear rubber gloves or place a plastic sandwich bag over each hand? However, the pumice cleaner works great for hand cleanup if you choose to work bare handed as I did during my trial run.

72/3 de Larry - K3PEG -.-

Date: Mon, 27 Sep 1999 20:28:53 -0700
From: "Ron Giuntini" <rong@slip.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [51498] Got the #24 magnet wire!!!!
Message-ID: <001501bf0961\$975d1200\$14a598d1@rongiuntini>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys,

Thanks to all who responded...I got the #24 wire on the way....
So much easier than sending away to Newark or MCM or Mouser!!!!
As we have heard before;

"What a great group of guys!"
Now if I can manage to not screw it up again!!
Ron

Date: Mon, 27 Sep 1999 20:42:53 -0700
From: Russ Dow <n7dw@garlic.com>
To: kb9svg@cnz.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51499] Re: 17m equipment?
Message-ID: <37F0393C.CC82050A@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jim,

This is not the cheapest or easiest option, but the Wilderness Sierra with a 17 meter band module would work great if the person is willing to build a kit. This rig was designed for backpacking. Nice receiver, too. I'd also recommend either their KC-1 or KC-2 keyer. Check their web page:
www.fix.net/jparker/wild.html

I don't know what other rigs are available for 17, so I can't comment on them. No connection with Wilderness Radio, just a satisfied Sierra owner.

73,
Russ N7DW

Jim Mannix wrote:

> I'm searching for 17m equipment that would be good for backpacking. I told
> a gent on 10m that I'd research it for him, but I'm coming up with very
> little (MFJ-9017 and nothing more!).

Date: Mon, 27 Sep 1999 20:46:43 -0700
From: Russ Dow <n7dw@garlic.com>
To: mneverdosky@earthlink.net

Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51500] Re: Solder 62/36/2 with silver at RS
Message-ID: <37F03A23.4A82BE32@garlic.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Michael and the list,

I got a couple of rolls of that solder a few years ago and it worked out very well. Built my Sierra and WM-1 with it, among other things.

HOWEVER -- Recently I needed more and went back to RS. They may have gotten a bad batch from their supplier, but whatever the cause, the new stuff would not tin either of my 2 irons. Soldering attempts produced nothing but cold solder joints.

Got some Kester 62/36/2 and a miracle happened: My irons tin, and no more cold solder joints.

This was a few months ago. By now they may have corrected whatever problem existed, or at least they may be working on it. Meanwhile, consider this as one man's experience and proceed accordingly.

73,
Russ N7DW

Michael Neverdosky wrote:

> While picking up a new PCS phone at my local
> Radio Shack I noticed they have solder with silver.
> They had both 0.015 and 0.020 thickness an ounce
> or ounce and a half for about \$3.50.
>
> I don't know who made it or exactly what flux is
> in it but I have had pretty good luck with RS solder
> in the past.
>
> For anyone needing a small amount of solder for
> a nice project.
>
> michael N6CHV

Date: Tue, 28 Sep 1999 03:56:51 +0000
From: Brian Short <bshort@speedchoice.com>
To: qrp-l@lehigh.edu
Subject: [51501] Re: 17m equipment?
Message-ID: <4.1.19990928035519.029e2c00@mail.phoenix.speedchoice.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

There is a GM-17 (Green Mountain), but I have not yet assembled mine.
Gotta get a round tuit.

>This is not the cheapest or easiest option, but the Wilderness Sierra with
a 17
>meter band module would work great if the person is willing to build a kit.
>This rig was designed for backpacking. Nice receiver, too. I'd also
recommend
>either their KC-1 or KC-2 keyer. Check their web page:
>www.fix.net/jparker/wild.html
>
>I don't know what other rigs are available for 17, so I can't comment on them.
>No connection with Wilderness Radio, just a satisfied Sierra owner.

>> I'm searching for 17m equipment that would be good for backpacking. I told
>> a gent on 10m that I'd research it for him, but I'm coming up with very
>> little (MFJ-9017 and nothing more!).
>

--
Brian K. Short <http://www.qsl.net/k7on/> <mailto:k7on@arrl.net>
--

Date: Mon, 27 Sep 1999 23:14:28 -0500 (CDT)
From: Adrian Weiss <aweiss@usd.edu>
To: qrp-l@lehigh.edu
Subject: [51502] WEEEE-HAAAAWWWWW!!!!
Message-ID: <Pine.SOL.4.03.9909272311210.4367-100000@sunburst.usd.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

WOW!

30 minutes of hopeless calling, sitting here thinking
"no way with that pile-up of QRO sigs." But in QRP,
"pessimism" is spelled "persistence"!

T31T!!! on 30m.

How is that possible? Pile-up, a zillion km across the world, and he picks off, almost correctly this time

"W0RAP"

to which "W0RSP RSP RSP RSP" and "cfm W0RSP"

#95 and 5 to go....

72 all and happy QRP'ing, Ade

Date: Tue, 28 Sep 1999 00:27:38 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [51503] Re: WEEEE-HAAAAWWWWW!!!!
Message-ID: <3.0.32.19990928002734.006fce04@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 11:14 PM 9/27/99 -0500, you wrote:

>WOW!

>

>30 minutes of hopeless calling, sitting here thinking

>"no way with that pile-up of QRO sigs." But in QRP,

>"pessimism" is spelled "persistence"!

>

>T31T!!! on 30m.

>

>How is that possible? Pile-up, a zillion km across the

>world, and he picks off, almost correctly this time

>

>"W0RAP"

>

>to which "W0RSP RSP RSP RSP" and "cfm W0RSP"

>

>#95 and 5 to go....

>

>72 all and happy QRP'ing, Ade

Nice Going Ade!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!

73 Pete NV4V

Date: Mon, 27 Sep 1999 21:32:08 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [51504] mW report 9/28/99 UTC de K7Q0
Message-ID: <19990928043210.97792.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Just a quick update on tonights activities from K7Q0.

Got home from dinner out with Phyllis and just in time to try to find Doug, KI6DS, for his 5:30pm 20m sched.

I put 2 AAA batteries into the new Argron clock while doing this. Took it about 8 mins or so to lock on to WWVH. Neato. The UTC feature is a must have item. Being retired you sometimes forget/don't care what day of the week it is.... :-) Makes keeping the log difficult.

Heard Doug, KI6DS, in QSO with Ft Smith AR again, but KK5KU this time. Doug was just above the noise level and faded completely out just before he was signing with Kelsey.

Worked W4DEC, his 200 and then 100mW to my 700mW.
Worked N4SO with his NC20.
Worked N4ROA his 500mW.

So, just before 0200UTC in AZ the band seems to be really hopping for mW sigs and I can work the east coast from this QTH. So there is hope that I can get all 50 states over the next few years.

I found the problem with the DSW-20 and it was the battery. I thought it was charging with a wall-wart gel-cell charger but instead it was discharging due to bent lead..... The voltage was under 11V and getting lower. Tonight I was at 0.7W out and took the rig off the antenna and charging the battery as we speak. Live and learn. Use the DVM and use it often.

Now the magic time of 0200UTC that I picked was due to my local conditions. So for the rest of the week let's hear from everyone about what they can do on the high bands (neglecting the A-index values that are going back to 40 at this time) at local sunset

or shortly there after.

Couple of comments. I think the milliwattting is much easier now than even a few years ago. The operators are better, the equipment is better, and in general conditions and what hams know about antennas is much better.

The new MFJ rig (and a bunch of saw the prototype at HamCom) is a smaller rig than the old MFJ-90XX series, so you backpackers may want to consider one. I begged for a 17 meter version and it looks like they went with the idea..... I'll have to call tomorrow and get my order in before the group starts calling...

Not too long until the 40 meter QRP-L foxhunt starts, so in the meantime get on the air and enjoy the higher freqs just before sundown and shortly thereafter. I have a SWL-80 that I have to retune and as soon as 80 meters starts hopping I'm going to spend a lot of late night hours trying to work on another band that I have not used much. See you there.

FYI es cul,

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Mon, 27 Sep 1999 23:54:25 -0500 (EST)
From: igeq100@iupui.edu
To: Andy C Meng <andymeng@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51505] Re: a variety of questions
Message-ID: <Pine.HPP.3.96.990927235049.12800B-1000000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Andy -

Re your question #3. I am using a ZM-2 with a DSW-40, and they work very well together. I also use the ZM-2 with an OHR-100A on 20 meters, and this pair also works well together. Antennas range from vertical to resonant dipole to random wire, and the ZM-2 can tune them all. You should have no problem.

73,

Richard Meiss, WB9LPU

Date: Tue, 28 Sep 1999 01:04:20 -0400
From: Pete Burbank <plburbank@kih.net>
To: <qrp-1@Lehigh.EDU>
Subject: [51506] Re: Shielded loop, how do it do it?
Message-ID: <3.0.32.19990928010417.00759658@kih.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

. That is, they will not be shielded. This is where the directional
>properties of the loop can come in handy.
>
>I hope this makes some sense. Your getting into the "black magic" stuff now
>;-)
>
>73,
>Steve Yates - AA5TB
>Fort Worth, TX - EM12gs
><http://home.swbell.net/aa5tb>

Steve, Thanks for the fine explanation also tnx for the fine
solid QSO on 40 this evening.
I've built 2 Mag-loops and they are surprisingly good small
space antennas.
My first one was about 3 feet in diameter and the first contact
was a JA on 17 meters.
Never tried a shielded one.
>From Ted Hart's article in QST I would think that hardline
would suffice for QRP even tho the center conductor in hardline
is copper plated to aluminum wire.
I've never measured the copper plating thickness but penetration
at 10 megs is only about .006".
Truly an interesting topic as we are all beset with space and
QRN considerations.
VY 73 Pete NV4V vvvvvvvvvv

Date: Tue, 28 Sep 1999 13:52:13 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51507] Re: 15m Homebrew
Message-ID: <19990928055213.ZPA022220@User>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:40 PM 9/27/99 +0700, you wrote:

Hi Ed, Donny & et al,

Count me in as well !!!

Living near to dr Donny, I've the same problem...
As far as radio waves are concerned, we are practically next door neighbors.
Any QRP stuffs, specially HBrew on 15 meters would be welcomed.
It is really a gud dx band fer us hr and it opens until vy late at night.
If I may add, 30 meters is even worse and of no use here...swarming with
pirates, much like the sharks-infested waters..Hee Hee...

Glad u mentioned it first, Donny !

Sincere 72/73 de Sylvester 'Sly' Liew, 9M8SL
fm Sarawak: "The Hidden Paradise of Borneo"

>Hi gang,

>

>Put me also on the list, 15 meters is a popular band
>here in YB for local and dx. Life is just to harsh on 40
>in this part of the world, ilegal QRO operators on USB
>and LSB are everywhere and we only have 100 Khz
>of the spectrum.

>Thanks for the bandwidth de Donny YB6LD/1 qrp-1 # 2004

>

>> From: Ed Kessler <edkess@epix.net>

>> To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>

>> Subject: 15m Homebrew

>> Date: Sunday, September 26, 1999 23:03

>>

>> Am looking for a simple set of plans to build a 15m QRP transceiver.

>> None of my resources seem to deal with 15 meters.

>>

>> Any suggestions out there??

>>

>> Would like about 1 to 2 watts out if possible, and a superhet rcvr or a

>> DC rcvr with audio filter.

>>

>> Thanks,

>> Ed, AA3SJ

>

>

>

"Chuck Adams, K7Q0" wrote:

> Being retired you sometimes forget/don't care what day of the week it
> is.... :-)

Yeah Chuck, just wait 'til you finish up serving on a few local
committees. Life USED to be easy.

73's

Ian Purdie

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

Date: Tue, 28 Sep 1999 11:11:55 +0200
From: Alen Mitrovic <alen.mitrovic@hermes.si>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51510] searching for web presentation of amateur radio activities
Message-ID: <F27E71EFEFE6D211917900A0C955EF61F82120@hal9000.hermes.si>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1250"

Colleagues!

I try to put together brochure that could be used as introduction to amateur
radio for our
S5 novice candidates. It should give first impression about HAM radio with
short explanation
of amateur radio activities .
Although I have allready written severael pages: Maybe someone have seen
something
similar presented somewhere on the web ? Please let me know.

best 72/73 de Alen / S53MA

Personal Webpage: <http://www.qsl.net/s53ma>

Date: Tue, 28 Sep 1999 10:16:27 +0100
From: Hans =?iso-8859-1?Q?=D6stnell?= <Hans.Ostnell@itn.vxu.se>
To: qrp-1@Lehigh.EDU
Subject: [51511] Looking for a HW-9...
Message-ID: <3.0.6.32.19990928101627.00a222f0@epost.vxu.se>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi all!

Anyone who=B4s got a Heathkit HW-9 for sale?=20

73/72=B4s de Hans/SM7TUG

Date: Mon, 27 Sep 1999 19:03:35 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-1@lehigh.edu
Subject: [51512] Ragchewing
Message-ID: <4.2.0.58.19990927190028.0095cb10@mailhost.det.ameritech.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

You know, I've been reading this list for a year or two, and I don't think anyone has commented on my hobby -- ragchewing. I could care less about dx or contests. Generally on 40.

But turn me loose with a fella who can go pretty fast and is 90 years old, I ask him what he did in life, and have a 3 hour qso.

I think I have a deep emotional problem -- just like to chat. Must be a rule against in article 97 or whatever they call it these days.

73 jerry w8gnd

Date: Tue, 28 Sep 1999 11:16:46 +0100
From: David Heintzleman <bchurch@megavision.com>
To: jwodell@ameritech.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51513] Re: Ragchewing

Message-ID: <37F0958E.C6DE98BE@megavision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Jerry and gang, full agreement here, I enjoy the shorter contests, especially cuz I seem to always work on weekends, but ragchewing on cw is almost heaven.

73, Dave K8BBM

Date: Tue, 28 Sep 1999 07:29:04 -0400
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
To: qrp-l@Lehigh.EDU
Subject: [51514] Clean up an old aluminum antenna?
Message-ID: <v03110700b4165556352e@[132.235.81.85]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang,

Enjoying the topic here... Cleaning aluminum is important to nearly all of us!

Let me relate something that I learned recently: Last year I managed to get my hands on a TIG welding outfit, specifically to make antenna's, brackets, etc., out of aluminum. One of the most important things I picked up is that aluminum needs to be thoroughly cleaned, and not to use any steel to clean it with. It seems that steel wool and regular wire brushes will leave a small amount of iron in the aluminum and, besides causing bad welds, will rust and mess up the surface! Solution? I had to buy a stainless steel wire brush; I assume that you can get stainless steel wool...?

I've cleaned aluminum with the the plastic scratch pads that my wife uses in the kitchen and that works well too!

Looking forward to the fall contest season...

NS80

Date: Tue, 28 Sep 1999 07:28:27 EDT
From: Shephed@aol.com
To: jwodell@ameritech.net, qrp-l@lehigh.edu
Subject: [51515] Re: Ragchewing

Message-ID: <9dd40912.2522005b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 9/28/99 7:05:18 AM Eastern Daylight Time,
jwodell@ameritech.net writes:

<< You know, I've been reading this list for a year or two, and I
don't think anyone has commented on my hobby -- ragchewing.
I could care less about dx or contests. Generally on 40.

But turn me loose with a fella who can go pretty fast and is 90
years old, I ask him what he did in life, and have a 3 hour qso.

I think I have a deep emotional problem -- just like to chat. Must
be a rule against in article 97 or whatever they call it these days.

73 jerry w8gnd

>>

Well, Jerry I like the same hobby.
Although sometimes I'm not good at it, nonetheless I still enjoy it.

Some of my most enjoyable Q's have been with "Old Timers", I mean Hams who
predate Jet Engines. :-)

That's one of many neat things about CW, you hear this sharp, rhythmic
swinging CW, never missing an element and sending along at 20-30 WPM. Then
you think this kid is good, and find out it's a fellow over 80 using a Bug.

I don't think there's anything in the rule book about it, we just need to
slow down and ask each other, "so, hw long u bn a ham es what was ur first
rig? BK".

73

Dan, N8IE
FISTS #4985

Date: Tue, 28 Sep 1999 07:46:28 -0400
From: Richard Powell <ripowell@mpna.com>
To: "Low Power Amateur Radio Discussion (E-mail)" <qrp-1@Lehigh.EDU>
Subject: [51516] Re: Ragchewing
Message-ID: <01BF0985.93556210.ripowell@mpna.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

On Monday, September 27, 1999 7:04 PM, Jerry W. O'Dell

[SMTP:jwodel@ameritech.net] wrote:

> You know, I've been reading this list for a year or two, and I
> don't think anyone has commented on my hobby -- ragchewing.
> I could care less about dx or contests. Generally on 40.
>
> But turn me loose with a fella who can go pretty fast and is 90
> years old, I ask him what he did in life, and have a 3 hour qso.
>
> I think I have a deep emotional problem -- just like to chat. Must
> be a rule against in article 97 or whatever they call it these days.
>
> 73 jerry w8gnd

Ragchewing is ALIVE AND WELL!!!

(got my RCC certificate in 1975)

although, i think it is really a 'sign of the times' sorta thing...

Rag Chewers are out there... I am one.

JUST ONE PROBLEM>>>>>

Credit Cards

The pace of life HAS changed.

example - I usually leave for work at 6:30am, and get off of work at 5PM, at least my first job...

then - one night per week i go straight to another client site and work there till about 9PM.

3 other nights per week, after dinner, i go sit in front of the computer in my dining room and

program till midnight on another project for <i>another</i> client.

My oldest son and brings my granddaughter over to visit 2 nights/week

then on weekends it's grocery shopping/public service events (QCEN - look it up on yahoo),

and a little time to actually visit with my wife!

oh, sleep? did i say sleep? yeah, once in a while.... basically when i'm too tired to program...

why this you say? it's either this,,, or put the wife to work... and i don't think she really wants to

start working outside the home the first time at the age of 42.

so,,, right now, or at least until all the Credit Cards are paid off,,,,,

hiding in the woods for 4 hours
playing radio is about all i can get away with. and,,, I'm not really sure that
if I sat down in my living
room with you for 3 hours, i could find enough to say to hold up my end of the
conversation,,,, that is
unless you were also a computer weanie, and we got into a discussion of what
was faster -
stored procedures or DAO calls... and then, only when dealing with a specific
application.....

Some day... hopefully before i start drooling a lot,,, i'll get back to
actually enjoying a nice long rag chew....
and when i do,,,, i would be very pleased to sched one with you!
but until ALL the kids are gone, and my workload drops, and my Credit Cards are
paid off, and i move out of
a frigging apartment, and my car is paid off, and i have room for a REAL
antenna,,,, it's occasional contests
only. I just don't have the time...

I DO long for the days of my yout, a pair of 6146B's fed by an argonaut 505,
and 300 feet of wire, and 6
hours with nothing i HAD to do!

Thanks for listening to me rant!!!!
It must have something to do with turning 40 yesterday...
73
/rick

-
Richard Powell, WB6JBM, TENTEN 13044, QRP-L 1118,
Senior Network Engineer, Belcan IT Division
MCSE, CNA.
ripowell@mpna.com <http://www.mpna.com/ripowell>

Date: Tue, 28 Sep 1999 07:52:53 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <weinfurt@oak.cats.ohiou.edu>, "'Low Power Amateur Radio Discussion'" <qrp-
l@Lehigh.EDU>
Subject: [51517] RE: Clean up an old aluminum antenna?
Message-ID: <000301bf09a7\$ffcee200\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

With all due respect to cleaning aluminum when required, I think it's worth pointing out that weathered aluminum gets a nice coating of aluminum oxide on it. The oxide is not only an insulator, but acts as a passivation layer (to borrow a phrase from the folks that make ICs). The passivation layer prevents any further corrosion.

Vy 73, AI2Q, Alex in Kennebunk, Maine (very happy this AM after bagging T31T on 80 meters).

Date: Tue, 28 Sep 1999 05:34:21 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: ai2q@ispchannel.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51518] Re: Clean up an old aluminum antenna?
Message-ID: <37F0B5CD.F51DAD23@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

ai2q wrote:

> The oxide is not only an insulator, but acts as a passivation layer
> (to borrow a phrase from the folks that make ICs). The passivation layer
> prevents any further corrosion.
>

Alex,

I agree re the radiator sections. But a friend has a DX-77 Hy-Gain vertical, which has an open trap (vs. coaxial) design, with lots of bolted joints, etc. It stopped working on bands below 15 meters (17/20/30/40). We found that corrosion in the traps had created very large (from RF point of view) resistances. Disassembly, cleaning and reassembly of the trap components solved the problem.

The traps came pre-assembled, so no Penetrox or such was used when it was erected. In retrospect, the trap (bolted interfaces) should have been weather-proofed before the antenna was put up -- maybe with coax seal of some such product.

Antenna was about 3-4 years old when it failed, but he lives about 3/4

mile from the Pacific, so there is often quite a bit of salt and moisture in the air.

72, Phil W7OX

Date: Tue, 28 Sep 1999 08:35:53 -0400
From: Mike Czuhajewski <wa8mcq@erols.com>
To: QRP forum <qrp-l@lehigh.edu>
Cc: Mike Czuhajewski <wa8mcq@erols.com>
Subject: [51519] Re: QQ
Message-ID: <37F0B629.21B5@erols.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Norm, K1NAJ asked "Pardon my ignorance but would someone please brief me as to the publication refered to as "QQ".

Ah, the QQ! That would be the QRP Quarterly, published by the QRP Amateur Radio Club International, of which I am the president, as well as past VP and two term Board of Director member. I've also been writing the Idea Exchange column in it since 1990, which has been described by N2CX as a cross between QST's Hints & Kinks and their Technical Correspondence section. You can find more info on the QRP ARCI at our web page at www.qrparci.org.

The QRP Quarterly is one of the three major QRP journals. The other two, which are also well worth subscribing to, are QRPP from NorCal, published by Doug Hendricks, KI6DS, and SPRAT from the GQRP Club, published by the Rev. George Dobbs, G3RJV. (Both of those folks are members of the QRP Hall of Fame, an honor bestowed by the QRP ARCI on people--members or not--who have made major contributions to the QRP community. We'll be making the call for nominations for 2000 in a few weeks.)

Subscribing to SPRAT from the US has been very easy for quite a few years, since they have a point of contact over here in the Colonies, which is Bill Kelsey, N8ET of Kanga US. I never was very comfortable with sending US currency through the mails across the pond, and bank charges for international transfers will eat you alive!

It's hard to recommend one over the other two; all have their own styles and focuses, all are very good, and if you had to choose just one to subscribe to, it would be difficult. I'd recommend trying all 3 for a year and then making a decision if all 3 don't appeal to you. Myself, I'd never miss an issue of any of them!

--

73 and Queue Our Pea de WA8MCQ wa8mcq@erols.com

Date: Tue, 28 Sep 1999 08:54:27 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: Alen Mitrovic <alen.mitrovic@hermes.si>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51520] Re: searching for web presentation of amateur radio activities
Message-ID: <Pine.OSF.3.95.990928085254.20858A-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Although it's based in the USA, try this...

<http://www.arrl.org/hamradio.html>
<<http://www.arrl.org/hamradio.html>>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

ObQRP: Foxhunt's a-comin'!!!! Sta Tuned to QRP-L!

On Tue, 28 Sep 1999, Alen Mitrovic wrote:

> Colleagues!
>
>
> I try to put together brochure that could be used as introduction to amateur
> radio for our
> S5 novice candidates. It should give first impression about HAM radio with
> short explanation
> of amateur radio activities .
> Although I have allready written severaal pages: Maybe someone have seen
> something
> similar presented somewhere on the web ? Please let me know.
>
> best 72/73 de Alen / S53MA
>
>

> Personal Webpage: <http://www.qsl.net/s53ma>

> -----
>
>
>
>

Date: Tue, 28 Sep 1999 08:59:38 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@lehigh.edu
Subject: [51521] RF COMPLIANCE CALCS
Message-ID: <d85c5bb9.252215ba@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

I have been playing with the DCTL in close quarters and was wondering about use on a regular basis. I found an online site that you plug in the values and it does the calcs for you. You milliwatters need not be concerned. However if you are one of those that may QRO for what ever reason and you have a restricted space antenna you may want to check. <http://www.w7dk.org>

Regarding the DCTL, as long as you are not sitting in the middle of the loop you will be fine, even at 100 watts....Alan KB7MBI

Date: Tue, 28 Sep 1999 06:01:44 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'aa5tb@swbell.net'" <aa5tb@swbell.net>, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51522] RE: Shielded loop, how do it do it?
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313C7C@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Nice reply Steve, your explanation of magnetic loops is thorough and easy to understand.

Thanks Dave VE7PCC
Vancouver BC Canada

-----Original Message-----

From: Steve Yates, AA5TB [mailto:aa5tb@swbell.net]
Sent: Monday, 27 September, 1999 7:25 PM
To: Low Power Amateur Radio Discussion

Subject: Re: Shielded loop, how do it do it?

Bob,

A radio wave consist of both an electric and an orthogonal magnetic field component. Together they are the electromagnetic wave.

Your loop is shielded only against the electric field of the electromagnetic wave. Most antennas respond somewhat to both components of the electromagnetic wave, but usually favor either the electric or magnetic component. Small loops usually respond to the magnetic component by design (hence the name magnetic loop) but can inadvertently respond to the electric field by capacitive coupling in the near field. Your shield, by not being continuos, does not allow current to flow through it and back through the center conductor like a transmission line. When currents are induced into the antenna by the magnetic component of a passing EM wave, cancellation does not take place due to a lack of equal but opposite currents between the two conductors, such as is found in a normal transmission line.

The shield does provide protection against electric fields by preventing the electric fields from reaching the center conductor. Currents produced by any phase differential throughout the length of the shield flow harmlessly on the outside of the shield. This also minimizes capacitive coupling to objects in the near field of the antenna by the same mechanism.

This "electrostatic shield" greatly minimizes coupling to noise sources which are often electrostatic in nature, meaning they are coupled to your antenna capacitively in the near field. Note that noise sources that are far away are in the far field and are just like any other electromagnetic wave. That is, they will not be shielded. This is where the directional properties of the loop can come in handy.

I hope this makes some sense. Your getting into the "black magic" stuff now ;-)

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

Date: Tue, 28 Sep 1999 10:20:40 -0400

From: Tim <drboom@bright.net>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Subject: [51523] transistor #

Message-ID: <37F0CEB8.474F0841@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello all,

I have what seems to be a common transistor that I have removed several of from a defunct VCR, the number on it is C536 F 8K I assume these are just manufacturer numbers. If anyone knows this to be the case or if these are the real numbers for this transistor, could you please tell me what frequency range and current handling this may have, or where I might be able to find out about it.

Thanks to all,

Tim

Date: Tue, 28 Sep 1999 07:36:13 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51524] bearings
Message-ID: <19990928143613.1725.rocketmail@web601.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am looking for a web page that I can type in my location and get bearings to other locations. Any one see this around? Thanks for your time.
Dave Pomeroy KL0TE/8

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 28 Sep 1999 08:37:27 -0600
From: Roy <marion@montana.com>
To: qrp-l@Lehigh.EDU
Subject: [51525] WTB HW-9
Message-ID: <199909281440.IAA18140@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

If you have a HW-9 that is not working or partly working, I am interested in buying it for a reasonable price. I don't need one as I have a K2, Sierra, SSTs, etc. I would just like to add the HW-9 to my QRP experience. Cosmetics not that important, as long as the manuals and all the parts are there. Tnx, Roy AB7CE

Date: Tue, 28 Sep 1999 07:47:41 -0700 (PDT)
From: Dave Pomeroy <dave_pomeroy@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51526] bearings
Message-ID: <19990928144741.9569.rocketmail@web601.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I posted a question a while ago about a web page that gives bearings from one place to another. I have had several emails asking me to post when and if I found a place. Try this URL. <http://www.indo.com/distance/>
Thanks again for the info. This is a great list.
Dave Pomeroy KL0TE/8

Do You Yahoo!?
Bid and sell for free at <http://auctions.yahoo.com>

Date: Tue, 28 Sep 1999 11:03:37 -0400
From: hamjoel@juno.com
To: qrp-l@lehigh.edu
Subject: [51527] Da ought of Rag Chewing
Message-ID: <19990928.110351.-308909.0.hamjoel@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

High Ye'all

Glad someone brought up the topic of ragchewing.... our dog, Phi Deaux, does it all the time...

however my cajun mama likes to dip the rag in some of her home brew Kajan qrp kick-a-poo juice. Then we sit around the floor and pass the towel (rag) around... sometimes phi-deaux is reluctant to share but he gets to feeling mellow quickly....

really 'mazing how a conversation can get going when u bring up somethin other than... my ant and rig is... course my Cajan mama's kick-a-poo

juice does tend to loosen the jaw bones... and run the brain amuck...

which reminds me of the time I was working some qrp while caught up in a traffic jam on the highway... over the at-chafa-lia basin (big swamp in louisiana)... I -10 it's called... goes clean across the state... from texas to mississippi... It's an elevated highway over the swamp (about 50 miles wide)....

clear shot in all directions... mobile operation can be fun

Joel KE1LA

In Maine

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 28 Sep 1999 11:14:34 -0400

From: David Hinerman <dlh1009@ritvax.isc.rit.edu>

To: qrp-l <qrp-l@lehigh.edu>

Subject: [51528] Re: transistor #

Message-ID: <37F0DB5A.166D89BB@rit.edu>

MIME-version: 1.0

Content-type: text/plain; charset=us-ascii

Content-transfer-encoding: 7BIT

Tim wrote:

> I have what seems to be a common transistor that I have removed several
> of from a defunct VCR, the number on it is C536 F 8K I assume these
> are just manufacturer numbers. If anyone knows this to be the case or if
> these are the real numbers for this transistor, could you please tell me
> what frequency range and current handling this may have, or where I
> might be able to find out about it.

Tim,

The NTE Replacement Semiconductor web site (<http://www.ntecinc.com>) is a handy place to look up "unknown" transistors. They have an online cross-reference lookup which will translate your number to the (usually) nearest NTE part number, which you can then find a data sheet for.

What you have is most likely a 2SC536F, which crosses to an NTE85 - an NPN medium power audio amp. It'll take 70 volts on the collector, max. continuous collector current 400 mA, and a gain-bandwidth product of 100 MHz, so it'd probably be usable as an RF amp at 80 or 40 meters (although the total device dissipation is 500 mW, so you won't get a lot out of it).

Dave

--

Dave Hinerman WD8CIV
Ontario, NY Grid FN13IF
dlh1009@rit.edu

Date: Tue, 28 Sep 1999 11:17:55 -0400
From: "A. Jenkins" <beaks@westco.net>
To: "QRP-L" <QRP-L@Lehigh.edu>
Subject: [51529] Century 22
Message-ID: <005f01bf09c4\$a455f540\$2adc0bd0@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Folks, a while back someone was looking for a Ten Tec Century 22 (the one with 30 meters) I have one that is near mint but the dial cord has lost its tension (needs restrung)
Has the internal keyer but not the optional calibrator. Looks and works excellent other than the dial cord (TT is sending me a new dial cord which I will include of course). Covers 500kc of 80, 40, 30, 20, 15, and 10 meters CW only with near 0 to app. 20 watts output.
I would like to swap it for a Sierra with band modules if anyone is interested. As far as selling it, I dont know what a fair price would be as these rigs are kinda hard to find it seems.
If anyone is interested please email me direct beaks@westco.net
Thanks for the space....
Arch N8EAG

Date: Tue, 28 Sep 1999 11:20:13 EDT
From: N10DL@aol.com
To: qrp-l@lehigh.edu
Subject: [51530] RE: bearings
Message-ID: <a877b543.252236ad@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Try <http://www.indo.com/distance>

this is what I use
Aron Brown
Bedford, NH
N10DL

Date: Tue, 28 Sep 1999 11:02:18 -0400
From: "Brian Hemmis" <K3USC@worldnet.att.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51531] FS: 38 Special kit, Bencher paddle, Autek keyer
Message-ID: <010001bf09c2\$763edd40\$0c804c0c@BrianHemmis>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Cleaning out a bit... For Sale : NORCAL 38 Special Kit-unbuilt (no time).
Board, parts, "right" xtal and instructions. \$ 38 shipped Priority Mail.
Bencher BY-2 (chrome base) and Autek MK-1 keyer. Keyer works, memories
don't. Have manual & schematic. The pair for \$ 95 add UPS. Brian
K3USC-Erie,PA 814-866-2585 or email

Date: Tue, 28 Sep 1999 12:00:34 EDT
From: DLShips@aol.com
To: qrp-l@lehigh.edu
Subject: [51532] OHR 100 A - 30 Help Needed
Message-ID: <279995ae.25224022@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Hi Guys,

I've just finished building the OHR 100A -30 for a friend in our area. It's a
good quality kit and well worth the price but I'm in the process of aligning
the little rascal and have been unable to bring the tuning into the desired
range. The instructions call for the frequency of 19.100 MHz at the TEST
LOOP with a voltage between 100 and 400 mV at TP-1. It further warns that you
may have to compress or spread L-114 to get the frequency because of Xtal
Y106.

My problem: I got 18.206 MHz when I first fired it up. After compressing the
turns on L-114 I ended up with 18.912 MHz. The voltage is good at TP-1 (~ 200

Date: Tue, 28 Sep 1999 12:06:54 EDT
From: WB9MII@aol.com
To: qrp-l@lehigh.edu
Subject: [51534] KF6ML - Many Thanks for xerox

Message-ID: <25b5daaf.2522419e@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Sam, couldn't find your email address so I hope you get this. Thanks for the copy of that info on coax used as balanced feeders. Got the materials last weekend. we'll see what happens. Thanks 72
Greg

Date: Tue, 28 Sep 1999 12:20:00 -0400
From: Peter_Simpson@ne.3com.com
To: qrp-l@lehigh.edu
Subject: [51535] Use Scotchbrite, not steel wool to clean antennas
Message-ID: <852567FA.0059861B.00@usboxmta.ne.3com.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII

I don't want to start a thread, but you should use something that doesn't leave pieces of itself on the antenna (bits of steel or grit embed in the aluminum).
Sandpaper or steel wool are bad, scotchbrite pads are good. Think dissimilar metals.

Peter, KA1AXY

Date: Tue, 28 Sep 1999 09:23:30 -0700
From: Allan G Taylor <k7gt@arrl.net>
To: qrp-l@lehigh.edu
Subject: [51536] Wanted: 49-er or 49-er PCB
Message-ID: <37F0EB82.4A5B@arrl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Having arrived on the QRP scene much too late to participate in the 49er, I missed that fun. I would sure like to find an untouched 49er

board/kit or one built up. Help me complete the N6KR collection at K7GT!

Allan K7GT

--

```

                                |
                                /|
                                / |
                                | /Z | \
                                /| /599| \
Allan Taylor   K7GT
k7gt@arrl.net
Pleasanton CA  CM97aq      /_||/_|_|_|_|_ http://www.qsl.net/k7gt
...QRO, QRP, or barefoot..... [\--=====~/
~~~~~
```

Date: Tue, 28 Sep 1999 16:55:36 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [51537] LP2951 data needed
Message-ID: <199909281653.LAA28415@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Can someone point me to the ref data for the LP2951 regulator chip?

Got some....need something like this... don't know what I have....

ARRL HB no help and NTE site no help....

thanks,
Larry KA5T

Date: Tue, 28 Sep 1999 10:58:05 -0600
From: Rod Cerkoney <rcw@frii.com>
To: DLShips@aol.com, Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51538] Re: OHR 100 A - 30 Help Needed
Message-ID: <19990928105805.34068@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Don, et.al.

On Tue, Sep 28, 1999 at 12:00:34PM -0400, DLShips@aol.com wrote:

> Hi Guys,

>

...

> My problem: I got 18.206 MHz when I first fired it up. After compressing the
> turns on L-114 I ended up with 18.912 MHz. The voltage is good at TP-1 (~ 200
> mV) I can't seem to get the frequency up to 19.100 ...

>

> Question: Have any of you had this problem ? Should I pull L114 off the board
> and remove a turn ?

>

I had the same problem, I chose to remove a turn & the rig works fine.

Other mods I made:

I added a 10-Turn pot for tuning and put a resistor in series with it to limit the tuning range. I found the voltage swing on the tuning diode to give too much tuning range, I've got mine tuning nicely from about 10955 to 10160, and I use a DD-1 to keep tabs on my freq.

I also changed one of the caps in the transmit mixer output to even the power output across the band. Can't recall the details I think it was the second stage cap, and I think I changed it from 82 to 100pF. I'll post a follow-up tonight when I get home from work and can double check things. What I do remember is not being able to adjust the output to better than 1 watt variance across the band. Changing the cap holds the Pout to about 1/2watt across the band.

Hope this helps.

--

72/3 Rod, N0RC

da di dah

Date: Tue, 28 Sep 1999 10:10:25 -0700

From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)

To: <qrp-1@lehigh.edu>

Subject: [51539] KI6DS finally works Famous Ft. Smith Qrper

Message-ID: <01bf09d4\$5b2a9fa0\$630a0d0a@doug.dpol.k12.ca.us>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Last night I got home about 5:15 and started tuning around the band on the NC20 and the Ribbon Cable Dipole for 20 Meters up about 30 ft. Signals were not nearly as loud as the night before. I was looking for Chuck, K7Q0, and didn't hear him, so I decided to call CQ.

Bam, right back at me, a weak station calling. There it is KK5KU, Wow! It is Kelsey Mikel, who was a very gracious host to me when I visited Ft. Smith this summer with JoAnne on vacation. Kelsey and Jay Bromley really know how to treat a visitor. Kelsey even arranged to drive me up to Fayetteville to a qrp meeting that didn't happen. Jay had scheduled the meeting on the wrong weekend. But he did show me around the U of A. Neat place.

Kelsey is a good operator and was running 1 watt with his FT1000 into a G5RV, and we talked about 20 minutes, good copy both ways. He filled me in on all the important things happening with the FSQG. He told me that Jay was calling CQ just down the band using 1 mW!!! Talk about an optimist! Grin. Later, Jay gave me a call and turned the power down to 1 mW again, and he sent me a signal report. I copied the 559 and once again we made contact using 1 mW, but it was not nearly as easy as the night before.

Later on I worked N4S0 for a quick NC20 to NC20 qso, and his rig sounds great. Absolutely, positively a clean signal. Great job Ken. It was another new state for the Ribbon Cable Dipole, Alabama.

Next up was KB3FQU, Hank in PA, yet another new state. Not sure about the call, but I think that it is correct, logs are at home. Wow, 4 more QSO's, I work the most famous ham in Ft. Smith, work Jay again with 1 mW, and pick up 2 new states, PA and AL on the antenna.

I heard W4DEC work Chuck with 200 mW, but could not hear Chuck at all, maybe once he was in there, but it might have been wishful thinking. But I copied Larry with no problem at all.

Chuck and I have a schedule at 5:30 tonight PDT on 14.061 and if the propagation is good we'll make it, if not, I'll just go qso fishing on 20.72, Doug, KI6DS

Date: Tue, 28 Sep 1999 13:02:00 +500
From: Terry Bendell <terryb@bmts.com>
To: <hamjoel@juno.com>
Cc: <qrp-1@Lehigh.EDU>
Subject: [51540] Re: Da ought of Rag Chewing
Message-ID: <199909281701.NAA20235@Alice.BMTS.Com>
MIME-Version: 1.0

Gotta tell you Joel,
I throughly enjoy everyone of your posts, your like a well worn
pair of slippers and a cup of coffee. Hats off to you and your
Cajun Mamma. You sure know how to put a smile on this old face.

Best Wishes
Terry

On 1999-09-28 hamjoel@juno.com said:

>High Ye'all
>Glad someone brought up the topic of ragchewing.... our dog, Phi
>Deaux, does it all the time...
>however my cajun mama likes to dip the rag in some of her home brew
>Kajan qrp kick-a-poo juice. Then we sit around the floor and pass
>the towel ()rag) arond... sometimes phi-deaux is reluctant to share
>but he gets to feeling mellow quickly....
>really 'mazing how a conversation can get going when u bring up
>somethin other than... my ant and rig is... course my Cajan mama's
>kick-a-poo juice does tend to loosen the jaw bones... and run the
>brain amuck... which reminds me of the time I was working some qrp
>while caught up in a traffic jam on the highway... over the
>at-chafa-lia basin (big swamp in louisiana)... I -10 it's called...
>goes clean across the state... from texas to mississippi... It's an
>elevated highway over the swamp (about 50 miles wide)....
>clear shot in all directions... mobile operation can be fun
>Joel KE1LA
>In Maine
>-----
>Get the Internet just the way you want it.
>Free software, free e-mail, and free Internet access for a month!
>Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Net-Tamer V 1.11.2 - Test Drive

Date: Tue, 28 Sep 1999 12:00:23 cdt
From: wj5o@juno.com
To: TENTEN-L@LEHIGH.EDU, QRP-L@LEHIGH.EDU
Subject: [51541] NCDXF Beacons
Message-ID: <19990928.120026.-891069.0.WJ50@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit

Hi all,

Several of the NCDXF beacons strong into South Texas. 28 Sept 99 at 17:00
Z
28.200MHz

ZS6DN South Africa
CS3B Medeira Island
LU4AA Argentina
OA4B Peru

Also
VE7MTY/B 5W
LU1FHH/B 5W

Looks good for DX low power contacts.

73 Bill "Sparkling City by the Sea" WJ50/B 28.289MHz
 Corpus Christi, Texas

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Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 28 Sep 1999 13:02:44 -0400
From: "Jim Bates" <jimbo@spectrum-internet.com>
To: <DLShips@aol.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [51542] Re: OHR 100 A - 30 Help Needed
Message-ID: <00d001bf09d3\$499600a0\$3e0232d8@jbates2>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I had a similar problem with my OHR-100A-40
(two months ago) and I had the board out several
times until I got it right...by changing L-114 as
you mentioned.

-jim
AF4FJ

-----Original Message-----
From: DLShips@aol.com <DLShips@aol.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Tuesday, September 28, 1999 12:05 PM
Subject: OHR 100 A - 30 Help Needed

>Hi Guys,
>
>I've just finished building the OHR 100A -30 for a friend in our area. It's
a
>good quality kit and well worth the price but I'm in the process of
aligning
>the little rascal and have been unable to bring the tuning into the desired
>range. The instructions call for the frequency of 19.100 MHz at the TEST
>LOOP with a voltage between 100 and 400 mV at TP-1. It further warns that
you
>may have to compress or spread L-114 to get the frequency because of Xtal
>Y106.
>
>My problem: I got 18.206 MHz when I first fired it up. After compressing
the
>turns on L-114 I ended up with 18.912 MHz. The voltage is good at TP-1 (~
200
>mV) I can't seem to get the frequency up to 19.100 ...
>
>Question: Have any of you had this problem ? Should I pull L114 off the
board
>and remove a turn ?
>
>I'll appreciate your feedback... Thanks
>
>Don, W3RDF, North Myrtle Beach, SC
>
>
>

Date: Tue, 28 Sep 1999 09:53:11 -0700
From: Dave Barrett <DBarrett@creo.com>
To: "'Peter_Simpson@ne.3com.com'" <Peter_Simpson@ne.3com.com>, Low Power Amateur
Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51543] RE: Use Scotchbrite, not steel wool to clean antennas
Message-ID: <CE0A40BFE0CDD111A2B800A0C99B83EB01313C87@msgcreo2.creo.bc.ca>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

There is a troubling direction here with regard to cleaning off antenna's.
The best method is to use "Penetrox" or similar anticorrosion materials
"before / during" assembly.

Please understand, removal of anodizing (treated surfaces) with sandpaper or similar abrasive materials is causing problems down the road.....I agree that Scotchbrite is more favorable than steel wool by far.

Dave VE7PCC

-----Original Message-----

From: Peter_Simpson@ne.3com.com [mailto:Peter_Simpson@ne.3com.com]

Sent: Tuesday, 28 September, 1999 9:20 AM

To: Low Power Amateur Radio Discussion

Subject: Use Scotchbrite, not steel wool to clean antennas

I don't want to start a thread, but you should use something that doesn't leave

pieces of itself on the antenna (bits of steel or grit embed in the aluminum).

Sandpaper or steel wool are bad, scotchbrite pads are good. Think dissimilar metals.

Peter, KA1AXY

Date: Tue, 28 Sep 1999 11:32:41 -0500

From: Steve Hideg <Steve.Hideg.1@nd.edu>

To: k7gt@arrl.net, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [51544] Re: Wanted: 49-er or 49-er PCB

Message-ID: <v04210102b4169df8d63d@[129.74.35.26]>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii" ; format="flowed"

At 9:23 AM -0700 9/28/99, Allan G Taylor wrote:

>Having arrived on the QRP scene much too late to participate in the

>49er, I missed that fun. I would sure like to find an untouched 49er

>board/kit or one built up. Help me complete the N6KR collection at K7GT!

>

>Allan K7GT

>

>--

>

>

>

>

|
/|
/ |
| /Z |\

> Allan Taylor K7GT /| /599| \
>k7gt@arrl.net
> Pleasanton CA CM97aq /_||/_||_ http://www.qsl.net/k7gt
> ...QRO, QRP, or barefoot..... [\--=====/
> ~~~~~

I have one for sale. Totally unbuilt. I'm asking \$49 for it (heh). Or
you can make me an offer.

++Steve N8HSC

Date: Tue, 28 Sep 1999 17:13:56 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-l@lehigh.edu>
Subject: [51545] re LP2951 data needed
Message-ID: <199909281712.MAA29981@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Found it on the National site....

Larry KA5T

Date: Tue, 28 Sep 1999 12:18:33 -0500 (EST)
From: igeq100@iupui.edu
To: DLShips@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51546] Re: OHR 100 A - 30 Help Needed
Message-ID: <Pine.HPP.3.96.990928121735.4643C-1000000@ruby.iupui.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Don -

Removing a turn is what you probably should do. I had the same
problem with the 20 meter version, and that was my solution.

73,

Richard Meiss, WB9LPU

On Tue, 28 Sep 1999 DLShips@aol.com wrote:

> Hi Guys,
>
> I've just finished building the OHR 100A -30 for a friend in our area. It's a
> good quality kit and well worth the price but I'm in the process of aligning
> the little rascal and have been unable to bring the tuning into the desired
> range. The instructions call for the frequency of 19.100 MHz at the TEST
> LOOP with a voltage between 100 and 400 mV at TP-1. It further warns that you
> may have to compress or spread L-114 to get the frequency because of Xtal
> Y106.
>
> My problem: I got 18.206 MHz when I first fired it up. After compressing the
> turns on L-114 I ended up with 18.912 MHz. The voltage is good at TP-1 (~ 200
> mV) I can't seem to get the frequency up to 19.100 ...
>
> Question: Have any of you had this problem ? Should I pull L114 off the board
> and remove a turn ?
>
> I'll appreciate your feedback... Thanks
>
> Don, W3RDF, North Myrtle Beach, SC
>
>

Date: Tue, 28 Sep 1999 10:45:18 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@lehigh.edu>
Subject: [51547] 49er boards available from FAR Circuits
Message-ID: <01bf09d9\$3b3d75a0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, about a year ago Fred Reimers asked for permission and I gave it to him to sell the 49er board that I layed out for the 49er kit. If you want to build one, order a board from Fred, and the rest of the parts should be available from Mouser. But for heavens sake DON'T pay \$49 for one!! 72,
Doug, KI6DS

Date: Tue, 28 Sep 1999 10:40:01 -0700
From: Ed Loranger <we6w@qsl.net>
To: jwodel1@ameritech.net, qrp-1@lehigh.edu
Subject: [51548] Re:Ragchewing
Message-ID: <37F0FD71.AD06B6F6@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Jerry et. al.

That's great you brought this up, Jerry.

Ragchewing is great fun. It adds depth to you QSO abilities as well. I found I can find better questions to ask even in the short qso's because the ragchews develop your QSO repertoire.

Also, I find that there is a period, depending on the operator where you cross over into more natural code sending. Veteran CW ops probably start off sending relaxed. A few years ago it seems I was struggling to keep relaxed thru the entire qso. Then it started happening. First it was qso's over an hour. Then over 45 minutes. Eventually I wasn't afraid to jump in and answer any CQ I heard. Probably would have taken a lot longer to reach a comfort level if there wasn't a ham out there to ragchew with.

One strives to send good code and it is a dedicated act, taking away from conversational thinking. Instead of chatting about the new garden or that hike into the state park, the short qso'er will get the 'Ham only info' sent out to the other party. Over time this gets easier and comfortable. One soon finds that relaxation sets in earlier and the qso is more fun than the early struggles to send code, think and drink coffee at the same time.

Like a runner training with intervals and star drill sprints. Then there are the aerobic days with long, slow distance.

Get in some ragchews, they are great exercise and really add endurance to those QRPTTF/QRP-Afield and ARRL field day contests. You'll look forward to longer sessions at the controls. Fatigue won't set in nearly as early or as severe and at the end of field day you'll be able to answer those RTTY sigs that sound like QRQ CQ FD! And that noisy motor in the refrigerator will get the 599 TU before you realize it is time for bed.

72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Tue, 28 Sep 1999 13:43:10 -0400 (EDT)
From: "Paul R. Valko" <prvalko@oakland.edu>
To: QRP List <qrp-l@lehigh.edu>
Subject: [51549] FOXHUNT - Update
Message-ID: <Pine.OSF.3.95.990928133657.321020-100000@saturn3.acs.oakland.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Gang,

Invitations have gone out to 40 QRP-L members who were selected from dozens of entrants to be this year's foxii. If you applied for a fox position and did not receive a fox invite, please accept my SINCERE apologies and rest assured that you have been put into the reserve list.

It's a very difficult job, made worse because *I* can't be a fox!

At this moment the foxii are selecting their operating dates, with the hunt beginning on Monday evening, October 25th.

I will soon post a complete listing of the Foxii and the operating schedule. Right now it's all hush-hush but I can promise you all there are 40 VERY happy happy QRP-L members out there. They are all bouncing off the walls and can't wait to begin.

Keep an eye on QRP-L and the Official Foxhunt website at
<<http://www.acs.oakland.edu/~prvalko/foxhunt.htm>>

73! =paul= W8KC
Collector of Ten*Tecs and other fine plastics
<<http://www.acs.oakland.edu/~prvalko>>

Date: Tue, 28 Sep 1999 10:55:52 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-l@lehigh.edu>
Subject: [51550] Missing diode in MRX receiver kits and are mods allowed?
Message-ID: <01bf09da\$b48ca560\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Guys, I just realized that I left out the diode in half of the TT2/MRX kits that NorCal gave away for the Pacificon K1MG Fox Hunt event. Radio Shack sells the 1N400X series of diodes. The 1N4001, 4002, 4003, 4004, 4005, 4006 should all work. Sorry about the screw up.

A couple of guys have asked if they have to use the cases provided. Answer no, use anything you want to build it in.

Can I mod the kits? Yes, but you have to write the mods up for us and give them to me at Pacificon. I encourage you to post all mods also to qrp-l. We want to have fun here and we don't want to stifle creativity.

Dave Fifield has a couple of neat ones that he told me about last night on the phone. Hopefully he'll post those later on. One thing that you can do is give us a report when you get your rig running. Make a contact on it and report to the list. Build and have fun.

Note that there is a mistake in the wiring diagram on page 7 of the manual. J3 on the diagram should be J4 on the schematic (it's where 12V comes in) and J4 on the diagram should be J3 on the schematic (ant to receiver). That drawing was in QRPP and on the web page for 2 years and I never noticed it before, but it is easily figured out. 72, Doug, KI6DS

Date: Tue, 28 Sep 1999 10:53:17 -0700
From: Ed Loranger <we6w@qsl.net>
To: dave_pomeroy@yahoo.com, qrp-l@lehigh.edu
Subject: [51551] Re:bearings
Message-ID: <37F1008D.4D56F815@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Dave et. al., I sent this (one of many) strategy

messages to my Fox hunting team (Vibro-Fox Finders), last year. The QRP-1 will do this for you, and for multiple calls at the same time!

Enjoy. P.S. Thanks for the Great QSO last night on 40 Meters. I've decided to stick with Mode B so have accessed the K2 menu and changed to from 'A' to 'b'.

Fellow team mates, replace my callsign with yours and send the email below to <mailto:listserv@lehigh.edu> for BEARING information from your QTH for each station. That'll tell you where to aim a beam, or whether you need to move a leg of the dipole over a bit for better shot at the fox. I know it helped me one particular foxhunt last year. I moved one dipole leg over and had a horizontal Vee in the direction of AB7TK (Now K7TQ), Randy Foltz in Idaho.

Anyway, send to the listserv@lehigh.edu without SUBJECT field and place the following in the BODY of the message (BE SURE TO CHANGE we6w to YOUR CALL :) :)

----- CUT HERE -----
RUN QRP-L X CALLS2DIST we6w ab5ua
RUN QRP-L X CALLS2DIST we6w WQ8RP
RUN QRP-L X CALLS2DIST we6w WA8GHZ
RUN QRP-L X CALLS2DIST we6w W8RU
RUN QRP-L X CALLS2DIST we6w KV2X
RUN QRP-L X CALLS2DIST we6w N2TO
RUN QRP-L X CALLS2DIST we6w K8CV
RUN QRP-L X CALLS2DIST we6w KU7Y
RUN QRP-L X CALLS2DIST we6w K1MG
RUN QRP-L X CALLS2DIST we6w N1FN
RUN QRP-L X CALLS2DIST we6w AB0GO
RUN QRP-L X CALLS2DIST we6w KB7MBI
RUN QRP-L X CALLS2DIST we6w WS4S
RUN QRP-L X CALLS2DIST we6w VE7DXJ
RUN QRP-L X CALLS2DIST we6w N7CQR
RUN QRP-L X CALLS2DIST we6w K5ZTY
RUN QRP-L X CALLS2DIST we6w VE7CQK
RUN QRP-L X CALLS2DIST we6w K0EVZ
RUN QRP-L X CALLS2DIST we6w KV2X
RUN QRP-L X CALLS2DIST we6w W5TFB
RUN QRP-L X CALLS2DIST we6w N0UR
RUN QRP-L X CALLS2DIST we6w N2SMH

<snip on multihop antenna angles...>

72/Ed we6w

--

-Ed AR Millennium Q's=>1200/2000 QRP-L#1068 Old NC#2227
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 ARCI#9397 ARS#275

Date: Tue, 28 Sep 1999 13:57:31 -0400
From: Tim <drboom@bright.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51552] 2sc536 transistor
Message-ID: <37F1018B.EF28DE6@bright.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fast !!!!!!!!!!!

Thanks to all the replies, it is unanimous, the transistor was
identified by all.....
as a 2SC536

Thanks guys and gals, this list is the best.

Tim

Date: Wed, 29 Sep 1999 02:23:08 +0800
From: "Sly (9M8SL)" <cqsly@tm.net.my>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [51553] 'Sly as a Fox'
Message-ID: <19990928182308.CLYT316@User>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Howdy Gang,

As requested by some on the list, I am most willing to be ur qrp dx FOX.
Where can u get a better fox than 'SLY as a FOX' ?
To add, this will be a vy cunning and vicious fox. Beware!!! papa bear, mama
bear and QRPp bears...

Joke aside, I'll be going QRP AFIELD, backpacking near a seaside spot:

'Sematan' on Borneo Island in East Malaysia this coming weekend. Will bring along my 16.5 feet telescopic fiberglass pole (we have it here as well, it is called a 'White Rabbit'). It will help to carry my hovering corner-feed delta loop for 20 meters facing the states, let's see...probably California short path. Power would be about 5 watts from the Icom IC-706 and a few 7AH sealed-lead acid batteries. I'll mostly likely to be around the qrp freq of 14.060 +/- QRM, but digital on and/or near this freq is usually very loud this end. Nuff of the small talks, let's get down to business...

Okay, Here is what I'll do:

1. Will be on at abt 11:00 UTC (7:00 pm here or 7:00 am New York) on the 25th of September 1999.

As my signal will cross the International date line over a path of darkness, do help me to figure out what day will it be on your side?

Come to think of it, this is a 'sly' question, for only the more cunning will know when the fox is going to be on? Hee Hee...

The fox lips are sealed on this, grrrrrGRRRR...Agn very sly folks, the fox is the joker, not me.

2. Will send slow at abt 15-20 wpm on a recently acquired whiterook paddle.

As my CW is a bit rusty, not bin on mni mni moons for me ant at QTH is blown down. As the expression goes, My fists may have 'lost its cunning'.

3. For the lucky few who are able to make contacts, I'll print the once in a life time 'Sly as a Fox' QSL card with 'QSL Maker' mentioned as found on the List. Tks John, you finally get to see the stuffs you let's have for free!!! As for QSLing, you can always qsl via the buro or via whatever means you like.

Hell, oops... I can even make a sly.jpg or fox.gif qsl and attached it via email. I have no preference(s) on this matter, you think of a way to do it.

Happy Hunting, Hunting High and Low...

STOP!!! you are doing the 123 list agn. Is this a QRP-L wish list?

GRRRRgrrrrr.....easy, easy boy....grrrrGRRRR.....easy, easy boy...eee@#%*&"
SLURP,slurp...

Sincere 72/73 de Sylvester (Sly) Liew, 9M8SL

fm Sarawak, East Malaysia on 'The Hidden Paradise of Borneo'.

CQ ZONE 28, ITU ZONE 54, IOTA OC-088, LOC: OJ51EN

Date: Tue, 28 Sep 1999 12:01:16 MST
From: "Chuck Adams, K7Q0" <k7qo@hotmail.com>
To: qrp-1@lehigh.edu
Subject: [51554] NorCal Paddles and Pacificon
Message-ID: <19990928190118.56742.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Gang,

Hope to see as many people as possible at Pacificon and it is not all that far away (geographically for me and time wise for everyone). I can see the midnight lamps burning from my view from the hillside in Prescott AZ. :-) The soldering irons are burning hot and the power grid is warming up too.

I had two NorCal paddles, one narrow and one wide. In the process of unpacking I ran across the wide one (it was already built). I noted that a chip of paint was knocked off from all the rough handling at meets etc. and the brass was tarnished. I had the idea of refinishing it anyway for some time, so this was as good a time as any.

I discombulated it and stripped the paint off and started from scratch. I won't bore you with the gory details. I have to do the narrow paddle next and will be at Pacificon and I'll bring both.

For those of you that own Shurr paddles. You know the neat finish that they have on the brass? Well let me tell you that I think I have come pretty darn close to an exact match on the brass. I did this completely by hand and will reveal the details at Pacificon and will put pictures on the web page AFTER Pacificon. Not that I can't do it quicker but I can't 'cuz of about four other projects going on at this time..... ;-)

Note: those oil impregnated bearings? Don't leave them on a sheet of paper. Oil spots. Reminds me of the time I left a roll of paper tape from an ASR-33 on a book. ;-) Had a signed copy of BASIC from Bill Gates on it.

Also, something I thought of but yet to try. Because of the oil

bearing I'd think that some people may have intermittent problems on skipped elements. I'd like to do a 2-56 tap and a small brass screw on the lower insides of the two paddles and wire them to ground to insure constant contact at all times. (Spell checkers I know I may have messed up here, but I haven't unpacked the dictionary yet...)

Just a posting to get you off your couch and to build the paddles if you have not already. I do not use them except for the field as I have spent considerable money on the set that I am now using. :-) I think of it like having a Cadillac and a pickup. I'd take the pickup on a dirt road but not the Cadillac. Know what I means kid??? :-)

See you at Pacificon....

dit dit

Chuck Adams K7QO CP-60 k7qo@hotmail.com <http://www.qsl.net/k7qo>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 28 Sep 1999 15:13:05 -0400
From: "Charlie Fitts" <cfitts@neca.com>
To: <qrp-1@Lehigh.EDU>
Subject: [51555] Re: OHR 100 A - 30 Help Needed
Message-ID: <199909281913.PAA26372@orion.neca.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi Don - If compressing the turns (extra inductance) results in a higher freq, then adding capacitance will raise the freq also. Try putting a small (22pF or thereabouts) capacitor across the toroid connection. You can just hold the capacitor in place with your fingers without even soldering it to test different values. If increasing the inductance raises the frequency, you would need to ADD a turn or two to get it up to where you need it.

Dave Benson (Small Wonder Labs) includes a couple of capacitors with some of his kits to be used just this way.

Charlie Fitts, N1EI

Date: Tue, 28 Sep 1999 14:12:45 -0500
From: crc <crc@io.com>
To: ki6ds@dpol.k12.ca.us, QRPL <QRP-L@Lehigh.EDU>
Subject: [51556] Re: 49er boards available from FAR Circuits
Message-ID: <37F1132D.EEF82E07@io.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Fred Reimers
> to sell the 49er board that I layed out for the 49er kit.
> available from Mouser. But for heavens sake DON'T pay \$49 for one!! 72,
> Doug, KI6DS

Doug: I think the guy was making a funny , but if not then I need to build up
a Pixie 1000,hihi
in fact a whole house full .Yes , I see retirement on its way,on the island
that Pixies bought.DX of course.
In the spirit of fun .
Charlie WA5KRF

Date: Tue, 28 Sep 1999 15:28:59 EDT
From: ARDUJENSKI@aol.com
To: qrp-l@lehigh.edu
Subject: [51557] BOBTAIL AND HALF SQUARE INFO
Message-ID: <4d6ec1e3.252270fb@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

This site was posted on the antenna news group:
<http://www.angelfire.com/md/k3ky/page38.html>

Alan KB7MBI

Date: Tue, 28 Sep 1999 12:54:35 -0700

From: Bill Jones <kd7s@psnw.com>
To: qrp-1@lehigh.edu
Subject: [51558] OT:QRP use for Palm Pilot III
Message-ID: <37F11CFA.60FEB263@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

My employer gave me a 3Com Palm III and an Intellisync cradle to help me keep track of my schedule. I've looked around and found some auxiliary programs for it but I have to wonder if there is anything 'ham radio' related out there. This little guy looks like a QRP computer to me.

--

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 28 Sep 1999 15:57:23 EDT
From: DLShips@aol.com
To: igeq100@iupui.edu
Cc: qrp-1@lehigh.edu
Subject: [51559] Re: OHR 100 A - 30 Help Needed
Message-ID: <d85c3fee.252277a3@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

In a message dated 99-09-28 13:18:46 EDT, igeq100@iupui.edu writes:

<< Removing a turn is what you probably should do. I had the same problem with the 20 meter version, and that was my solution.

>>

Thanks Richard, Everyone is giving the same advice... I'll take a turn off and let you guys know how I make out..

Don

Date: Tue, 28 Sep 1999 13:10:33 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>

To: Bill Jones <kd7s@psnw.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51560] Re: OT:QRP use for Palm Pilot III
Message-ID: <Pine.3.89.9909281334.A10747-0100000@netcom12.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

yes, there are quite a few nifty apps out there that are related to ham radio. i don't have pointers to them immediately available, but on my pilot i have:

PocketBeacon (beacon db that shows beacons at that particular time)
DotDash, smorse, MorseCode (a couple morse generators and/or trainers)
PocketSat (computing sat passes)

i believe there is also some kind of logging utility.

i can forward this stuff to people if they want, or try to dig up URLs for this stuff. i have yet to find a centralized ham/pilot archive.

Date: Tue, 28 Sep 1999 16:16:54 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51561] FAR Circuits
Message-ID: <19990928.201311.7519.2.n4so@juno.com>

PC boards for a variety of kits
The following is a saved text file.
FAR CIRCUITS (Fred KF9GX)
PRINTED CIRCUIT BOARDS for popular Articles
appearing in QST, 73, CQ, QEX,

FAR Circuits
Fred Reimers KF9GX
18N640 FIELD COURT
DUNDEE, IL 60118

: ARRL HANDBOOKS, W1FB DESIGN NOTEBOOK & Several
: Others.
: CUSTOM BOARDS are also Available.
Web page for FAR Circuits...
From: Roger Hightower <n7kt@dancris.com>

Try <http://www.cl/ais/net/farcir>

There is also a pointer to them on ki7mn's page
(<http://www.dancris.com/~ki7mn>)

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 28 Sep 1999 16:26:00 -0400
From: "Kent Babcock" <n8wvd@t-one.net>
To: "Young" <janby@manistee-isd.k12.mi.us>, "Vance J Stringham"
<vancenjeannie@juno.com>, "Uncle Rodo" <rodric@manistee-isd.k12.mi.us>,
"Todd Hundley" <thundley@jackpine.com>, "Susan Cockerill"
<cockers@scnc.wmston.k12.mi.us>, "Steve & Linda Wade" <swade@coslink.net>,
Subject: [51562] new service provider and email address
Message-ID: <001001bf09ef\$bf6a1f20\$207fe0d0@gorp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI, folks:

Please take note of our new service provider & email address. Hopefully,
we'll have better communications and a more reliable connection. It's
cut-and-paste time, kids.

Thanks!!

Kent, Terry, & Jake

Date: Tue, 28 Sep 1999 16:27:19 -0400
From: "ai2q" <ai2q@ispchannel.com>
To: <cvoid@netcom.com>, "'Low Power Amateur Radio Discussion'" <qrp-1@Lehigh.EDU>
Subject: [51563] RE: OT:QRP use for Palm Pilot III
Message-ID: <000101bf09ef\$dd3d9ea0\$5c32a7d0@ai2q.ispchannel.com>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Christian:

I'd be very interested in apps for my Palm Pilot. I presently occasionally run the code generator, but usually just to demo it. It doesn't beat my old ted mcElroy speed key. :-)

Could you post or send the files?

Vy 73, AI2Q, Alex in Kennebunk, Maine , QRP-L # 687

-----Original Message-----

From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of Christian Void
Sent: Tuesday, September 28, 1999 4:11 PM
To: Low Power Amateur Radio Discussion
Subject: Re: OT:QRP use for Palm Pilot III

yes, there are quite a few nifty apps out there that are related to ham radio. i don't have pointers to them immediately available, but on my pilot i have:

PocketBeacon (beacon db that shows beacons at that particular time)
DotDash, smorse, MorseCode (a couple morse generators and/or trainers)
PocketSat (computing sat passes)

i believe there is also some kind of logging utility.

i can forward this stuff to people if they want, or try to dig up URLs for this stuff. i have yet to find a centralized ham/pilot archive.

Date: Tue, 28 Sep 1999 13:40:28 -0700
From: Bill Jones <kd7s@psnw.com>
To: cvoid@netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51564] Re: OT:QRP use for Palm Pilot III
Message-ID: <37F127BC.AC2AF73E@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Thanks, Christian, for the info. It appears that there are others who can benefit from these applications as well.

Christian Void wrote:

> yes, there are quite a few nifty apps out there that are related to ham
> radio. --

=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 28 Sep 1999 20:39:39 +0100
From: Larry Cahoon <wd3p@juno.com>
To: kd7s@psnw.com, qrp-l@Lehigh.EDU
Subject: [51565] Re: OT:QRP use for Palm Pilot III
Message-ID: <19990928.203939.4038.0.wd3p@juno.com>

On Tue, 28 Sep 1999 12:54:35 -0700 Bill Jones <kd7s@psnw.com> writes:
>My employer gave me a 3Com Palm III and an Intellisync cradle to help
>me
>keep track of my schedule. I've looked around and found some
>auxiliary
>programs for it but I have to wonder if there is anything 'ham radio'
>related out there. This little guy looks like a QRP computer to me.
>

Two programs come to mind for the Palm - Earth & Sun will give you a picture of the world with day/night clearly indicated. So you know at a glance where it is night. There is also a program called RiseSet which give sun rise sun set info for three chosen locations.

In addition you can get one of the database programs and create a log file for when on the road. I use HanDbase but there are other good ones.

Get one of the clock programs that shows multiple time zones. I have one called Time that shows date calendar for the month, local time, and one other time zone. I've got the second set on UTC.

One time I saw a DXCC list in either database format or DOC format, but haven't seen it recently.

I haven't looked for it, but have heard there is a TNC program for the Palm.

a couple of sites to try for software, much of it free, are
<http://www.palmcentral.com>
<http://www.palmgear.com>
<http://www.eurocool.com>

There are lots of other sites.

Enjoy.....72 de Larry.....WD3P in MD

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Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Tue, 28 Sep 1999 20:47:50 +0100
From: "KA5T Larry Wise" <lewise@inetport.com>
To: "qrp" <qrp-1@lehigh.edu>
Subject: [51566] Re: LP2951 data needed
Message-ID: <199909282046.PAA18503@admin.inetport.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who responded....

Larry KA5T

Date: Tue, 28 Sep 1999 16:46:03 EDT
From: DLShips@aol.com
To: rwc@frii.com, qrp-1@lehigh.edu
Subject: [51567] Re: OHR 100 A - 30 Problem solved
Message-ID: <45b767a.2522830b@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Thanks to all who responded !

As everyone suggested I removed a single turn from L-114 and that brought it into range. Ran out of time to do much more but did notice that the voltage at TP-1 dropped to a little under 100 mV. This gives me something more to play with. I'd like to get it up to ~ 200 mV again.... I'll monkey with the turn spacing on the tx mixer filter. That's what I love about this hobby... Always something to keep you thinking !

Again, to all those who responded to my plea for help, a big THANKS ! Also the other suggestions for improving this little radio are appreciated.

72 es 73 de Don, W3RDF

Date: Tue, 28 Sep 1999 13:58:55 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: qrp-l@lehigh.edu
Subject: [51568] ham/palmOS site
Message-ID: <Pine.3.89.9909281335.A18730-01000000@netcom4.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

okay, found the URL. here is a collection of applications for the palm related to hamradio (including the dxcc list someone mentioned). this is the closest thing to a ham/palmOS site i have found.

<http://www.cs.utexas.edu/kharker/pal-ham/>

enjoy!

73 de KF6IHU/9 - christian

Date: Wed, 29 Sep 1999 07:09:05 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51569] OT: NETDUMMY HUMOR
Message-ID: <37F12E71.37134DEC@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> Some New Error Messages Planned for Microsoft Windows 2000 !!!

>

> 1) Smash forehead on keyboard to continue.
> 2) Enter any 11-digit prime number to continue.
> 3) Press any key to continue or any other key to quit.
> 4) Press any key... no, no, no, NOT THAT ONE!
> 5) Press Ctrl-Alt-Del now for IQ test.
> 6) Close your eyes and press escape three times.
> 7) Bad command or file name! Go stand in the corner.
> 8) This will end your Windows session. Play again?
> 9) Windows: 'Mistake! Shall I format your brain?'
> 10) God: "Rebooting the universe, please log out"
> 11) Keyboard not attached. Press F1 to continue.
> 12) BREAKFAST.SYS halted... Cereal port not responding.
> 13) COFFEE.SYS missing... Insert cup and press any key.
> 14) CONGRESS.SYS corrupted... Re-boot Washington D.C? (Y/N)
> 15) File not found. Should I fake it? (Y/N)
> 16) Bad or missing mouse driver. Spank the cat? (Y/N)
> 17) Runtime Error 6D at 417A:32CF: Incompetent User.
> 18) Error reading FAT record: Try the SKINNY one? (Y/N)
> 19) WinErr 547: LPT1 not found... Use backup... PENCIL & PAPER.
> 20) User Error: Replace user.
> 21) Windows VirusScan 1.0 - "OS/2 found: Remove it? (Y/Y)"
> 22) Backup not found: (A)bort (R)etry (P)anic

Sorry

Ian

VK2TIP "I'll give you the TIP mate"

QRP-L member #1978.

URL - <http://www.integritynet.com.au/~purdic/>

URL - <http://www.qsl.net/vk2tip/>

Date: Tue, 28 Sep 1999 14:18:18 -0700 (PDT)
From: Christian Void <cvoid@netcom.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51570] Re: ham/palmOS site
Message-ID: <Pine.3.89.9909281427.A18730-01000000@netcom4.netcom.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 28 Sep 1999, Christian Void wrote:

> <http://www.cs.utexas.edu/kharker/pal-ham/>

ack! the above should read palm-ham as in:

<http://www.cs.utexas.edu/kharker/palm-ham/>

sorry. :)

Date: Tue, 28 Sep 1999 16:19:54 CST
From: "Tim Stabler" <tstabler@iunhaw1.iun.indiana.edu>
To: qrp-1@lehigh.edu
Subject: [51571] calls
Message-ID: <3085C2D2357@iunhaw1.iun.indiana.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7BIT

Is there someplace I can go to so I can look up a call?? I talked with someone recently but they are not in my book, which, I admit, is a couple years old.

Please Email me directly.

Thanks.

Tim
WB9NLZ

Timothy A. Stabler, Ph.D.
Department of Biology
Indiana University Northwest
Gary, IN 46408

(219)980-6718
FAX: (219)980-7125

Date: Tue, 28 Sep 1999 17:22:58 EDT
From: KF4EIB@aol.com
To: qrp-1@lehigh.edu
Subject: [51572] Ragchew with a Tech Plus
Message-ID: <da77fd60.25228bb2@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit

Greetings to all,

Guys, talk about ragchew with CW ?

My day is coming !! I may still be a Tech Plus (13 wpm is killing me...Hi)
but I'm going to make it yet !

Nervous ? YOU BET !!!

Oh well, the day will come that I will "talk" your ear off if you will sit
still long enough.

Thanks for giving me a happy thought today.

Take care es 73,

Gordon kf4eib

Date: Tue, 28 Sep 1999 14:18:06 -0700
From: "Dasher, Mark" <mark.dasher@irwin.army.mil>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [51573] RE: ham/palmOS site
Message-ID: <1A1C5F8ACE83D21181D20060081F34C6FC54F1@IRWEXCH12>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

How about

<http://www.cs.utexas.edu/users/kharker/palm-ham/welcome.html>

Mark AD6GT

-----Original Message-----

From: Christian Void [mailto:cvoid@netcom.com]
Sent: Tuesday, September 28, 1999 2:18 PM
To: Low Power Amateur Radio Discussion
Subject: Re: ham/palmOS site

On Tue, 28 Sep 1999, Christian Void wrote:

> <http://www.cs.utexas.edu/kharker/pal-ham/>

ack! the above should read palm-ham as in:

<http://www.cs.utexas.edu/kharker/palm-ham/>

sorry. :)

Date: Tue, 28 Sep 1999 14:35:58 -0700
From: Bill Jones <kd7s@psnw.com>
To: unlisted-recipients;; (no To-header on input)
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51574] Re: ham/palmOS site
Message-ID: <37F134BE.F4F17B27@psnw.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hey, folks, just what we needed. A sincere thanks to Christian for looking this up for us.

--
=====
Bill Jones - KD7S <><
Sanger, California
<http://www.psnw.com/~kd7s>
=====

Date: Tue, 28 Sep 1999 17:31:03 -0400
From: Russ Hines <radioruss@fuse.net>
To: cvoid@netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [51575] Re: ham/palmOS site
Message-ID: <37F13397.EF48A09D@fuse.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

It's a dead link... at least from my end. ;-)

Christian Void wrote:

>
> okay, found the URL. here is a collection of applications for the palm
> related to hamradio (including the dxcc list someone mentioned). this is
> the closest thing to a ham/palmOS site i have found.

>
> <http://www.cs.utexas.edu/kharker/pal-ham/>
>
> enjoy!
>
> 73 de KF6IHU/9 - christian

Date: Tue, 28 Sep 1999 17:48:59 EDT
From: charles k brown <n4so@juno.com>
To: qrp-1@lehigh.edu
Subject: [51576] QRP ARCI Fall QSO Party, CW
Message-ID: <19990928.214656.2207.6.n4so@juno.com>

Sponsored by:
QRP ARCI, 1200Z Oct. 23 until 2400Z Oct. 24

Details: QST Oct. 1999, p. 87

Ken Brown N4SO
Mobile, AL/EM50tk
NorCal-20/5 watts/4 ele. beam

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Date: 28 Sep 99 22:12:29 America/Fort_Wayne
From: M Goins <mgoins@usa.net>
To: qrp-1@Lehigh.EDU
Message-ID: <19990928221229.104.qmail@aw161.netaddress.usa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: quoted-printable

Just getting back into radio seriously and looking for a HW 9 or possibly=
a
good HW 8. Please advise via mgoins@usa.net. Thanks. =

Get free email and a permanent address at <http://www.amexmail.com/?A=3D1>

Date: Tue, 28 Sep 1999 17:21:10 -0500
From: Goemans <jgoemans@facstaff.wisc.edu>
To: qrp-l@lehigh.edu
Subject: [51578] Argosy II and Vibroplex for sale
Message-ID: <3.0.2.32.19990928172110.00698cac@facstaff.wisc.edu>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi all,

I am selling my beautiful Ten Tec Argosy II (525D), as used in my award-winning foxhunt (1995-6 champion) station. Condition like new on face, maybe a couple tiny scratches on cabinet. Comes with the model 217 (8-pole) cw filter, 223A NB, 224 audio filter, 700c hand microphone, matching 225 power supply, and a homebrew fused DC cord. You also get all manuals/instruction sheets, and the original full-color Sept 1983 QST ad! The only mod is that the meter lamp now switches off with the LED display. This is documented in my article in QRP Quarterly Apr 1993. Shipped to you for \$500/OBO in CONUS.

Still have my somewhat dull looking Vibroplex Brass Racer EK-1 for sale. Has TiCK-1 keyer inside instead of the Curtis 8044 board it came with. This is the triangular-shaped Brass Racer. The Brass Racer EK-1 is no longer available from Vibroplex. With manual and original (working) 8044 board, \$90/OBO shipped in CONUS.

You may contact me via Email direct, or CBA.

72, Paul

Paul Goemans WA9PWP
1508 Sundt Lane Stoughton, Wi 53589

End of QRP-L Digest 1592

